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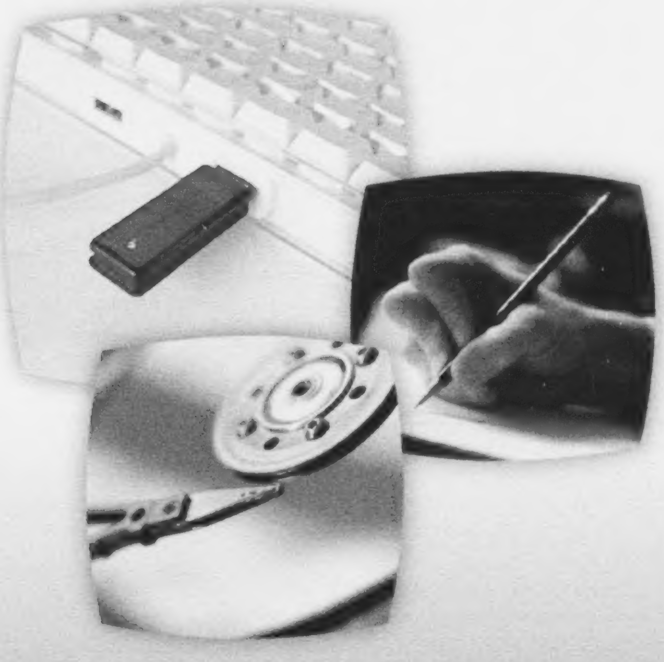
La Gazette du Bureau des brevets



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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,810,518

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,810,518

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$257**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **257 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
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8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
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3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
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8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3.5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 15, 2018 contains applications open to public inspection from April 29, 2018 to May 5, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 15 mai 2018 contient les demandes disponibles au public pour consultation pour la période du 29 avril 2018 au 5 mai 2018.

Canadian Patents Issued

May 15, 2018

Brevets canadiens délivrés

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[54] **CUSTOM PROSTHETIC LINER MANUFACTURING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FABRICATION D'UNE GARNITURE PROTHETIQUE PERSONNALISEE**
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[54] **DETECTION OF HERPES SIMPLEX VIRUS TYPES 1 AND 2 BY NUCLEIC ACID AMPLIFICATION**
[54] **DETECTION DES TYPES 1 ET 2 DU VIRUS DE L'HERPES SIMPLEX PAR AMPLIFICATION D'ACIDE NUCLEIQUE**
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[54] **METHODES DE CONTROLE DES PROPRIETES DE PROTEINES THERAPEUTIQUES, PROTEINES THERAPEUTIQUES RENFERMANT UNE REGION FC DE GLYCOFORME G2S2 ALPHA-(2,3) SYALYLATE, ET UTILISATIONS ASSOCIEES**
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[54] **HUMAN MONOCLONAL ANTIBODIES TO ACTIVIN RECEPTOR-LIKE KINASE-1**
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[54] **METHODS OF DETECTING MUTATIONS ASSOCIATED WITH ATAXIA-OCULAR APRAXIA 2 (AOA2)**
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[54] **METHOD FOR GENERATING DENDRITIC CELLS EMPLOYING DECREASED TEMPERATURE**
[54] **PROCEDE DE PRODUCTION DE CELLULES DENDRITIQUES A PARTIR D'UNE BAISSE DE TEMPERATURE**
[72] KIRKIN, ALEXEI, DK
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[54] **COMPOSITIONS AND METHODS TO TREAT DISEASES CHARACTERIZED BY CELLULAR PROLIFERATION AND ANGIOGENESIS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES CARACTERISEES PAR LA PROLIFERATION CELLULAIRE ET LANGIOGENESE**
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[54] **NOVEL ISOLATED AND PURIFIED STRAINS OF CHIKUNGUNYA VIRUS AND POLYNUCLEOTIDES AND POLYPEPTIDES SEQUENCES, DIAGNOSTIC AND IMMUNOGENICAL USES THEREOF**
[54] **NOUVELLES SOUCHES ISOLEES ET PURIFIEES DU VIRUS DU CHIKUNGUNYA ET LEURS POLYNUCLEOTIDES ET SEQUENCES POLYPEPTIDIQUES, ET LEURS APPLICATIONS DIAGNOSTIQUES ET IMMUNOGENIQUES**
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[72] BIONDO, CHARLES, US
[72] STROHL, J. PAGE, US
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[54] **METHOD OF PROVIDING DISEASE-SPECIFIC BINDING MOLECULES AND TARGETS**
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[54] **DISPOSITIF, SYSTEME ET METHODE DE COMMUNICATIONS OPTIQUES**
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[54] **APPAREILLAGE ET METHODE APPLICABLES A UN PUITS DE FORAGE**
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[72] BAR-TAL, MEIR, IL
[73] BIOSENSE WEBSTER, INC., US
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[54] **PROCEDES D'AMELIORATION DES PROPRIETES DE PROTEINES**
[72] AEHLE, WOLFGANG, US
[72] CASCAO-PEREIRA, LUIS GUSTAVO, US
[72] KELLIS, JR., JAMES T., US
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[54] **ANTICORPS HUMANISES ANTI-BETA AMYLOIDE**
[72] PFEIFER, ANDREA, CH
[72] PIHLGREN, MARIA, CH
[72] MUHS, ANDREAS, CH
[72] WATTS, RYAN, US
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[54] **HEALTH MANAGEMENT DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE GESTION DE LA SANTE**
[72] BERNSTEIN, DANIEL, US
[72] WATKIN, JARED, US
[72] FENNELL, MARTIN J., US
[72] SLOAN, MARK K., US
[72] LOVE, MICHAEL, US
[72] KIAIE, NAMVAR, US
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[54] **ADMINISTRATION DE GENE AU SYSTEME NERVEUX CENTRAL PAR ADMINISTRATION PERIPHERIQUE DE VECTEURS AAV**
[72] BARKATS, MARTINE, FR
[73] GENETHON, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **MOULE A DIMENSION VARIABLE AUTOMATISEE ET SYSTEME DE BLOC INFERIEUR**
[72] ANDERSON, MICHAEL K., US
[72] ANDERSON, STEVE, US
[72] THIELMAN, BRETT, US
[72] KOSMICKI, MIKE, US
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[54] **PROCEDE DE TRAJECTOGRAPHIE ROBUSTE EN TEMPS REEL SUR ORDINATEUR PORTABLE, DE UN OU PLUSIEURS CETACES PAR ACOUSTIQUE PASSIVE**
[72] CAUDAL, FREDERIC, FR
[72] GLOTIN, HERVE GILLES PIERRE, FR
[72] GIRAUDET, PASCALE VERONIQUE, FR
[73] UNIVERSITE DU SUD TOULON VAR, FR
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[54] **SERVICE DE RENSEIGNEMENTS D'URGENCE**
[72] PIETT, WILLIAM TODD, US
[72] SERRA, MATTHEW A., US
[73] RAVE WIRELESS, INC., US
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[54] **PROTEINE 7 DE LIAISON AU FACTEUR DE CROISSANCE SIMILAIRE A L'INSULINE POUR LE TRAITEMENT DU CANCER**
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[72] WAJAPEYEE, NARENDRA, US
[73] UNIVERSITY OF MASSACHUSETTS, US
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[54] **DELIVRANCE A LARGE DIFFUSION DE GENES A DES NEURONES MOTEURS PAR INJECTION PERIPHERIQUE DE VECTEURS AAV**
[72] BARKATS, MARTINE, FR
[73] GENETHON, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **METHODE DE PROMOTION DE L'ANGIOGENESE, DE LA VASCULARISATION OU DE LA REPARATION DE VAISSEAUX, OU D'INHIBITION DE L'ANGIOGENESE TUMORALE**
[72] DIMMELER, STEFANIE, DE
[72] ZEIHER, ANDREAS M., DE
[72] BONAUER, ANGELIKA, DE
[72] URBICH, CARMEN, DE
[73] T2CURE GMBH, DE
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[54] **COMPOSITIONS AND METHODS FOR PROCEDURAL SEDATION AND ANALGESIA USING ORAL TRANSMUCOSAL DOSAGE FORMS**
[54] **COMPOSITIONS ET PROCEDES DE SEDATION ET D'ANALGESIE PROCEDURALES UTILISANT LES FORMES POSOLOGIQUES TRANSMUCOSALES ORALES**
[72] PALMER, PAMELA, US
[72] TZANNIS, STELIOS, US
[72] SCHRECK, THOMAS, US
[73] ACELRX PHARMACEUTICALS, INC., US
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[54] **PANIER DE LAVE-VAISSELLE A PARTIE SUPERIEURE REGLABLE**
[72] MALLORY, BRIAN L., US
[72] GNADINGER, ERRIN WHITNEY, US
[72] DAS, RAJDEEP, IN
[72] MALLUR, VASUDEV, IN
[72] BEARD, ELIZABETH, US
[72] RAMAKRISHNAN, SRINIVASAN, IN
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
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[54] **POINCON ET AIGUILLE COMBINES POUR MACHINES D'INJECTION AUTOMATISEES DANS DES OEUFS**
[72] CORREA, RAFAEL S., US
[72] DEKICH, MARK A., US
[72] SAMSON, WILLIAM D., US
[72] BEVENSEE, ERICH F., US
[73] SANOVO CAPITAL A/S, DK
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[54] **COMPOSITIONS RENFERMANT DE LA NEUREGULINE POUR LA PREVENTION ET LE TRAITEMENT DE BLESSURE NEUROLOGIQUE ET METHODES D'UTILISATION CONNEXES**
[72] FORD, BYRON D., US
[73] BRAIN-GEN BIOTECH, US
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[54] **AUTOMATIC AND MANUAL DETERGENT TYPE IDENTIFICATION TO SELECT A WASH ALGORITHM BASED ON DETERGENT TYPE**
[54] **IDENTIFICATION AUTOMATIQUE ET MANUELLE DE DETERGENT PERMETTANT DE SELECTIONNER UN ALGORITHME DE LAVAGE BASE SUR LE TYPE DE DETERGENT**
[72] GNADINGER, ERRIN WHITNEY, US
[72] WATTLEY, MARK DOUGLAS, US
[72] BANTA, MARK A., US
[72] ROBERTS, JAMES CHRISTOPHER, US
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
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[54] **AN ERYTHROPOIETIN MIMETIC PEPTIDE DERIVATIVE AND ITS PHARMACEUTICAL SALTS, THE PREPARATION AND USES THEREOF**
[54] **DERIVE DE PEPTIDE MIMETIQUE D'ERYTHROPOIETINE ET SON SEL PHARMACEUTIQUE, PREPARATION ET UTILISATIONS**
[72] LU, AIFENG, CN
[72] SUN, CHANGAN, CN
[72] JIANG, TAO, CN
[72] WU, WENTAO, CN
[72] WANG, YALI, CN
[73] JIANGSU HANSOH PHARMACEUTICAL CO., LTD., CN
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[54] **PROCEDE DE PREVISION DE LA TOXICITE UTILISANT L'ANALYSE DU COMPORTEMENT DYNAMIQUE DES ORGANITES**
[72] COMPAGNONE, NATHALIE, FR
[73] INNOVATIVE CONCEPTS IN DRUG DEVELOPMENT (ICDD), FR
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[54] **REVETEMENTS DE BARRIERE ENVIRONNEMENTAL A BASE D'EAU POUR COMPOSANT EN CERAMIQUE A HAUTE TEMPERATURE**
[72] KIRBY, GLEN HAROLD, US
[72] BOUTWELL, BRETT ALLEN, US
[72] SUBIT, JESSICA L., US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **COMPOSITIONS ANTIMICROBIENNES ET LEURS PROCEDES D.UTILISATION**
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[73] SMARTWASH SOLUTIONS, LLC, US
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[54] **METHODS AND DEVICES FOR MINIMALLY-INVASIVE EXTRAOCULAR DELIVERY OF RADIATION TO THE POSTERIOR PORTION OF THE EYE**
[54] **PROCEDES ET DISPOSITIFS POUR LA LIVRAISON EXTRAOCULAIRE A INVASION MINIMALE D'UN RAYONNEMENT A LA PORTION POSTERIEURE DE L'OEIL**
[72] BRIGATTI, LUCA, US
[72] HAMILTON, RUSSELL J., US
[72] MARSTELLER, LAURENCE J., US
[72] VOEVODSKY, MIKE, US
[73] SALUTARIS MEDICAL DEVICES, INC., US
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[54] **PROCEDE D'INACTIVATION VIRALE**
[72] DELPUTTE, PETER, BE
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[72] DELRUE, IRIS, BE
[72] VANHEE, MERIJN, BE
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[54] **AGENT POUR TRAITER UNE MALADIE**
[72] GERMER, MATTHIAS, DE
[72] OSTERROTH, FRANK, DE
[72] AIGNER, SILKE, DE
[72] UHEREK, CHRISTOPH, DE
[72] KRAUS, ELMAR, DE
[72] WARTENBERG-DEMAND, ANDREA, DE
[72] WOLF, DANIELE, DE
[72] KAISER, SIBYLLE, DE
[72] LINDNER, JUERGEN, DE
[72] BRUECHER, CHRISTOPH, DE
[72] DAELKEN, BENJAMIN, DE
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[54] **ANCRE UNIVERSELLE POUR ATTACHER DES OBJETS A UN TISSU OSSEUX**
[72] SEVRAIN, LIONEL C., US
[73] DEPUY SYNTHES PRODUCTS, INC., US
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[54] **APPAREIL POUR OPTIMISER UN REGIME POSOLOGIQUE D'INSULINE D'UN PATIENT**
[72] BESHAN, ERAN, US
[72] HODISH, ISRAEL, US
[73] HYGIEIA, INC., US
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[54] **METHOD AND APPARATUS FOR DRYING AND PYROLYSING SOLID ORGANIC FEED MATERIAL**
[54] **METHODE ET APPAREIL DE SECHAGE ET DE PYROLYSE DE MATIERE D'ALIMENTATION ORGANIQUE SOLIDE**
[72] STREZOV, LAZAR, AU
[72] OSBORN, STEVEN ROBERT, AU
[72] HERBERTSON, JOSEPH GEORGE, AU
[72] ELLEM, GARY KENNETH, AU
[73] THE CRUCIBLE GROUP PTY LTD, AU
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[54] **GESTION THERMIQUE LORS DE L'OLIGOMERISATION D'ETHYLENE**
[72] JABER, ISAM, CA
[72] JOBE, IAN RONALD, CA
[72] CHISHOLM, P. SCOTT, CA
[72] KRZYWICKI, ANDRZEJ, CA
[72] CARTER, CHARLES ASHTON GARRET, CA
[72] STROM, VERNON LINDSAY, CA
[72] SERHAL, KAMAL ELIAS, CA
[72] CLAVELLE, ERIC, CA
[72] BROWN, STEPHEN JOHN, CA
[72] LACOMBE, YVES, CA
[72] MAGIS, ANITA SYLVIA, CA
[72] HARRIS, MACKENZIE ALEXANDER, CA
[72] ARCHER, RUSSELL KIRK, CA
[72] BESENSKI, KEITH WAYNE, CA
[72] BERGHMANS, MICHEL, CA
[72] GOLOVCHENKO, OLEKSIY, CA
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[54] **SYSTEM AND METHOD FOR COLLECTING MEDICAL WASTE THAT PROVIDES BOTH VISUAL AND AUDIBLE ALARMS WHEN AN OBJECT MAY HAVE BEEN INADVERTENTLY DISCARDED**
[54] **SYSTEME ET METHODE DE COLLECTE DE DECHETS MEDICAUX QUI FOURNIT DES ALERTES TANT VISUELLE QU'AUDITIVE LORSQU'UN OBJET A ETE MIS DE COTE PAR INADVERTANCE**
[72] HENNIGES, BRUCE D., US
[72] HUYSER, RICHARD F., US
[72] TYLER, DOUGLAS L., SR., US
[72] CULP, JERRY S., US
[72] PHILIPP, CHRIS, US
[72] MALACKOWSKI, DONALD W., US
[72] WALEN, JAMES G., US
[72] STRATTON, DENNIS A., US
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[72] CARUSILLO, STEVEN J., US
[72] GOLDENBERG, DAVID S., US
[73] STRYKER CORPORATION, US
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[54] **DETECTEUR ELECTROCHIMIQUE DE GAZ AVEC UN SYSTEME ELECTROLYTIQUE IONIQUE LIQUIDE COMPRENANT AU MOINS UN CATION MONOALKYLAMMONIUM, DIALKYLAMMONIUM OU TRIALKYLAMMONIUM**
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[54] **VANNE A VERROUILLAGE**
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[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **DRUM FOR CUTTING AND TRANSFERRING LINERLESS LABELS FROM A CONTINUOUS STRIP TO A MOVING CONTAINER AND APPARATUS EQUIPPED WITH SAID DRUM**
[54] **TAMBOUR SERVANT A COUPER ET TRANSFERER DES ETIQUETTES SANS ENDOS PROVENANT D'UNE BANDE CONTINUE VERS UN CONTENANT EN MOUVEMENT, ET APPAREIL EQUIPE DUDIT TAMBOUR**
[72] SCAPINELLI, TARCISIO, IT
[72] BOTRINI, ANDREA, IT
[73] ILTI S.R.L., IT
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[54] **PRODUCTION D'ALCOOLS A CHAINE RAMIFIEE PAR DES MICRO-ORGANISMES PHOTOSYNTHETIQUES**
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[72] LIU, BO, US
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[54] **POLYMERES DE REDUCTION DE TRAINEE POUR APPLICATIONS A DES LIQUIDES A FAIBLE MASSE MOLECULAIRE**
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[54] **TRANSMISSION AVEC DES PREMIER ET SECOND ELEMENTS DE TRANSMISSION**
[72] BENNETT, RICHARD PAUL, US
[72] EBBITT, PETER L., US
[72] KANG, HYOSIG, US
[72] SALCEDO, JUAN, US
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[73] AEGIS THERAPEUTICS, LLC, US
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[54] **CONTENANT EN PLASTIQUE PREVU POUR CONTENIR UN LIQUIDE CHAUD ET AYANT UN DISPOSITIF DE BASE FLEXIBLE**
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[73] HOSIDEN CORPORATION, JP
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[54] **DISPOSITIF DE DRAINAGE IMPLANTABLE**
[72] FORSELL, PETER, CH
[73] IMPLANTICA PATENT LTD., MT
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[54] **METHODS AND SYSTEMS FOR CREATING AND USING AN ADAPTIVE THESAURUS**
[54] **PROCEDES ET SYSTEMES DE CREATION ET D'UTILISATION D'UN THESAURUS ADAPTATIF**
[72] LORITZ, DONALD, US
[72] CHEN, SHIAN-JUNG, US
[72] EDALA, NARASIMHA, US
[72] SILVER, HARRY, US
[73] LEXISNEXIS, US
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[54] **SYSTEME DE TRAITEMENT DE SIGNAUX REDONDANTS, PROCEDE ASSOCIE, ET AERONEF COMPRENANT UN TEL SYSTEME**
[72] DAYRE, REMY, FR
[72] SCHOTT, GREGORY, FR
[72] FABRE, PIERRE, FR
[73] AIRBUS OPERATIONS, FR
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[72] GUIEZE, PAUL, FR
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[72] BOURLON, BERTRAND, FR
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[54] **PROCEDE DE TRAITEMENT D'UNE RESINE ECHANGEUSE D'IONS**
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[73] LUCITE INTERNATIONAL UK LIMITED, GB
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[54] **COMPOSITION SECHE COMPRENANT UN LIANT ET UNE HUILE VEGETALE MODIFIEE**
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[54] **DISPOSITIFS ET PROCEDES POUR REGULER LA TEMPERATURE D'UN PATIENT**
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[54] **PRODUCTION OF TITANIA NANOPARTICLE COLLOIDAL SUSPENSIONS WITH MAINTAINED CRYSTALLINITY BY USING A BEAD MILL WITH MICROMETER SIZED BEADS**
[54] **PRODUCTION DE SUSPENSIONS COLLOIDALES DE NANOPARTICULES DE DIOXYDE DE TITANE A CRISTALLINITE MAINTENUE GRACE A L'UTILISATION D'UN BROYEUR A BILLES COMPORTANT DES BILLES NANOMETRIQUES**
[72] BRUMMERSTEDT IVERSEN, STEEN, DK
[72] RASMUSSEN, HANS, DK
[72] AUSIG CHRISTENSEN, CHRISTIAN, DK
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[54] **STRATIFIE COMPOSITE POUR MATELAS D'ISOLATION THERMIQUE ET ACOUSTIQUE**
[72] RICHARDSON, LLEWELLYN BENTLEY, III, US
[72] KNOFF, WARREN FRANCIS, US
[72] WANG, JIAN, JP
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[54] **COMPOSITION A BASE DE 2,4,6-TRIFLUORO-N-[6-(L-METHYL-PIPERIDIN-4- CARBONYL)-PYRIDIN-2-YL]-BENZAMIDE**
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[54] **METHODES ET SUBSTANCES POUR DELIVRER DES MOLECULES**
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[54] **SYSTEM AND METHOD FOR IMPROVING TOUCH SCREEN DISPLAY USE UNDER VIBRATION AND TURBULENCE**
[54] **SYSTEME ET METHODE PERMETTANT D'AMELIORER L'UTILISATION D'AFFICHAGE D'ECRAN TACTILE SOUS L'EFFET DE VIBRATION ET DE TURBULENCE**
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[54] **PARTICULES DE SILICIUM POREUX D'ELUTION DE MEDICAMENT**
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[72] GUO, HONG, US
[72] CHEN, JIANBING, US
[72] CANHAM, LEIGH, GB
[73] PSIVIDA US, INC., US
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[54] **RESINE POUR LA PRECIPITATION DE MATIERES MINERALES ET DE SELS, SES PROCEDES DE FABRICATION ET SES UTILISATIONS**
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[72] SEVER, SANJA, US
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[54] **DISPOSITIF DE MONTAGE POUR ENVELOPPE DE TURBINE PEU DUCTILE**
[72] ALBERS, JOSEPH CHARLES, US
[72] MARUSKO, MARK WILLARD, US
[72] WILSON, BARRY ALLAN, US
[72] DZIECH, AARON MICHAEL, US
[72] JOHNSON, CHRISTOPHER RYAN, US
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[72] SCHWARTZ, ADAM, US
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[54] **METHODS FOR TREATING CANCER AND NON-NEOPLASTIC CONDITIONS**
[54] **PROCEDES DE TRAITEMENT D'UN CANCER ET D'ETATS NON NEOPLASIQUES**
[72] ALMSTEAD, NEIL, US
[72] ARASU, TAMIL, US
[72] CHOI, SOONGYU, US
[72] CAO, LIANGXIAN, US
[72] CAMPBELL, JEFF, US
[72] CORSON, DON, US
[72] DAVIS, THOMAS W., US
[72] GRACI, JASON D., US
[72] GU, ZHENGXIAN, US
[72] HWANG, PETER SEONGWOO, US
[72] LENNOX, WILLIAM, US
[72] MIAO, HARRY H., US
[72] MILLER, LANGDON, US
[72] MOON, YOUNG-CHOON, US
[72] QI, HONGYAN, US
[72] TROTTA, CHRISTOPHER, US
[72] WEETALL, MARIA L., US
[73] PTC THERAPEUTICS, INC., US
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[25] EN
[54] **PYRAZOLE OXADIAZOLE DERIVATIVES AS S1P1 AGONISTS**
[54] **DERIVES PYRAZOLES OXADIAZOLES EN TANT QU'AGONISTES DE S1P1**
[72] QUATTROPANI, ANNA, CH
[72] BAKER-GLENN, CHARLES, GB
[72] BLACKABY, WESLEY, GB
[72] KNIGHT, CHRIS, GB
[73] MERCK SERONO S.A., CH
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[54] **DIHYDROPYRROLONAPHTYRIDINONE COMPOUNDS AS INHIBITORS OF JAK**
[54] **COMPOSES DE DIHYDROPYRROLONAPHTYRIDINONE COMME INHIBITEURS DE JAK**
[72] DONG, QING, US
[72] LAWSON, JOHN DAVID, US
[72] WALLACE, MICHAEL B., US
[72] KANOUNI, TOUFIKE, US
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **ROTATIONALLY OFFSET PENETRATION-RESISTANT ARTICLES**
[54] **ARTICLES RESISTANT A LA PENETRATION DECALES EN ROTATION**
[72] KRUMMEL, JOSEPH EDWARD, US
[73] BARRDAY INC., CA
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[54] **ENCLOSURE HOUSING ELECTRONIC COMPONENTS HAVING HYBRID HVAC/R SYSTEM WITH POWER BACK-UP**
[54] **ENCEINTE LOGEANT DES COMPOSANTS ELECTRONIQUES EQUIPEE D'UN SYSTEME DE CVCA/R AVEC ALIMENTATION DE SECOURS**
[72] ROCKENFELLER, UWE, US
[72] SARKISIAN, PAUL, US
[72] KHALILI, KAVEH, US
[72] HARHAY, WARREN, US
[73] ROCKY RESEARCH, US
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[54] **METHOD AND APPARATUS FOR PREDICTING MAINTENANCE NEEDS OF A PUMP BASED AT LEAST PARTLY ON PUMP PERFORMANCE ANALYSIS**
[54] **PROCEDE ET APPAREIL POUR PREDIRE DES BESOINS DE MAINTENANCE D'UNE POMPE SUR LA BASE AU MOINS EN PARTIE D'UNE ANALYSE DE PERFORMANCE DE POMPE**
[72] VAN DER SPEK, ALEX, NL
[72] MARON, ROBERT J., US
[72] O'KEEFE, CHRISTIAN VICTOR, US
[72] ROTHMAN, PAUL JOSEPH, US
[73] CIDRA CORPORATE SERVICES INC., US
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[54] **SURGICAL SUTURES INCORPORATED WITH STEM CELLS OR OTHER BIOACTIVE MATERIALS**
[54] **SUTURES CHIRURGICALES INCOPOREES DANS DES CELLULES SOUCHES OU AUTRES MATERIAUX BIOACTIFS**
[72] SPEDDEN, RICHARD, US
[72] PINGEL, LAURA, US
[72] SCHON, LEW, US
[73] BIOACTIVE SURGICAL, INC., US
[85] 2011-12-15
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[54] **REACTIVE SYSTEMS**
[54] **SYSTEMES REACTIFS**
[72] LIENERT, KLAUS-WILHELM, DE
[72] VOEDISCH, SABINE, DE
[72] AL-MASRI, MAJDI, DE
[72] BERKEI, MICHAEL, DE
[72] TECKLENBRUG, JANIN, DE
[72] SAWITOWSKI, THOMAS, DE
[73] ELANTAS GMBH, DE
[85] 2012-01-03
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[54] **POROUS ELECTRODE SUBSTRATE AND METHOD FOR PRODUCING THE SAME**
[54] **MATERIAU DE BASE POUR ELECTRODE POREUSE ET SON PROCEDE DE FABRICATION**
[72] SUMIOKA, KAZUHIRO, JP
[72] SAKO, YOSHIHIRO, JP
[73] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2012-01-04
[86] 2010-07-08 (PCT/JP2010/061583)
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[54] **CHARGE BYPASS SYSTEM FOR ENGINE START**
[54] **SYSTEME DE CONTOURNEMENT DE LA RECHARGE POUR LE DEMARRAGE DU MOTEUR**
[72] KLOUSIA, HEIDI K., US
[72] BENSON, CHRISTOPHER R., US
[73] DEERE & COMPANY, US
[86] (2767325)
[87] (2767325)
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[54] **N1-ACYL-5-FLUOROPYRIMIDINONE DERIVATIVES**
[54] **DERIVES DE N1-ACYL-5-FLUOROPYRIMIDINONE**
[72] BOEBEL, TIMOTHY A., US
[72] BRYAN, KRISTY, US
[72] LORSBACH, BETH, US
[72] MARTIN, TIMOTHY P., US
[72] OWEN, W.J., US
[72] POBANZ, MARK A., US
[72] THORNBURGH, SCOTT, US
[72] WEBSTER, JEFFERY D., US
[72] YAO, CHENGLIN, US
[73] ADAMA MAKHTESHIM LTD., IL
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[25] EN
[54] **5-FLUOROPYRIMIDINONE DERIVATIVES**
[54] **DERIVES DE 5-FLUOROPYRIMIDINONE**
[72] BOEBEL, TIMOTHY A, US
[72] BRYAN, KRISTY, US
[72] JOHNSON, PETER L., US
[72] LORSBACH, BETH, US
[72] MEYER, KEVIN G., US
[72] OWEN, W. JOHN, US
[72] SULLENBERGER, MICHAEL T., US
[72] WEBSTER, JEFFERY D., US
[72] YAO, CHENGLIN, US
[72] MARTIN, TIMOTHY P., US
[73] ADAMA MAKHTESHIM LTD., IL
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[54] **USE OF SARMENTINE AND ITS ANALOGS FOR CONTROLLING PLANT PESTS**
[54] **UTILISATION DE LA SARMENTINE ET DE SES ANALOGUES DANS LA LUTTE CONTRE LES PARASITES DES PLANTES**
[72] HUANG, HUAZHANG, US
[72] ASOLKAR, RATNAKAR, US
[73] MARRONE BIO INNOVATIONS, INC., US
[85] 2012-01-20
[86] 2010-07-20 (PCT/US2010/042607)
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[25] EN
[54] **5-FLUORO-2-OXOPYRIMIDINE-1(2H)-CARBOXYLATE DERIVATIVES**
[54] **DERIVES DE 5-FLUORO-2-OXOPYRIMIDINE-1(2H)-CARBOXYLATE**
[72] BOEBEL, TIMOTHY A., US
[72] BRYAN, KRISTY, US
[72] LORSBACH, BETH, US
[72] MARTIN, TIMOTHY P., US
[72] OWEN, W. JOHN, US
[72] POBANZ, MARK A., US
[72] THORNBURGH, SCOTT, US
[72] WEBSTER, JEFFERY D., US
[72] YAO, CHENGLIN, US
[73] ADAMA MAKHTESHIM LTD., IL
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[25] EN
[54] **N1-SUBSTITUTED-5-FLUORO-2-OXOPYRIMIDINONE-1(2H)-CARBOXAMIDE DERIVATIVES**
[54] **DERIVES DE 5-FLUORO-2-OXOPYRIMIDINONE-1-(2H)-CARBOXAMIDE N1-SUBSTITUE**
[72] BOEBEL, TIMOTHY, US
[72] BRYAN, KRISTY, US
[72] LORSBACH, BETH, US
[72] MARTIN, TIMOTHY, US
[72] OWEN, W., US
[72] POBANZ, MARK, US
[72] THORNBURGH, SCOTT, US
[72] WEBSTER, JEFFERY, US
[72] YAO, CHENGLIN, US
[73] ADAMA MAKHTESHIM LTD., IL
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[25] EN
[54] **MET INHIBITORS FOR ENHANCING RADIOTHERAPY EFFICACY**
[54] **INHIBITEURS DE LA MET VISANT A ACCROITRE L'EFFICACITE DES TRAITEMENTS DE RADIOTHERAPIE**
[72] BOCCACCIO, CARLA, IT
[72] COMOGLIO, PAOLO MARIA, IT
[72] PETRONZELLI, FIORELLA, IT
[72] DE SANTIS, RITA, IT
[73] METIS PRECISION MEDICINE SB S.R.L., IT
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[25] EN
[54] **ENERGY SAVING SYSTEM AND METHOD FOR DEVICES WITH ROTATING OR RECIPROCATING MASSES**
[54] **SYSTEME ET PROCEDE D'ECONOMIE D'ENERGIE POUR DISPOSITIFS A MASSES ROTATIVES OU ANIMEES D'UN MOUVEMENT ALTERNATIF**
[72] LUMSDEN, JOHN L., US
[72] KELLEY, PAUL H., US
[72] VENKATARAMAN, VASAN, US
[73] THE POWERWISE GROUP, INC., US
[85] 2012-02-14
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[25] EN
[54] **CONTROL OF AAD-1 MONOCOT VOLUNTEERS IN FIELDS OF DICOT CROPS**
[54] **CONTROLE DE VOLONTAIRES MONOCOTYLEDONES AAD-1 DANS DES CHAMPS DE DICOTYLEDONES**
[72] HANGER, GREGORY A., US
[72] ROBINSON, ANDREW, US
[72] SATCHIVI, NORBERT M., US
[72] CHAMBERS, RICHARD, AU
[72] WRIGHT, TERRY, US
[73] DOW AGROSCIENCES LLC, US
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[54] **LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE**
[72] ROUDESKI, CHARLES A., US
[72] WISE, ERIC W., US
[73] HUGHEY & PHILLIPS, LLC, US
[86] (2771738)
[87] (2771738)
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[54] **CANDLE HOLDER**
[54] **BOUGEOIR**
[72] WHITE, RON, US
[73] LAMPLIGHT FARMS INCORPORATED, US
[86] (2772455)
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[54] **GRILLE DE PROTECTION BALISTIQUE COMPORTANT UNE TRAPPE D'ACCES**
[72] HUBSCH, ALAIN, FR
[73] NEXTER SYSTEMS, FR
[86] (2773603)
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[54] **AROME VEGETAL CONCENTRE**
[72] KORTES, JAN GERRIT, NL
[73] DSM IP ASSETS B.V., NL
[85] 2012-03-13
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[25] EN
[54] **GALLING-RESISTANT THREADED TUBULAR COMPONENT AND PROCESS FOR COATING SAID COMPONENT**
[54] **COMPOSANT TUBULAIRE FILETE RESISTANT AU GRIPPAGE ET PROCEDE DE REVETEMENT DUDIT COMPOSANT**
[72] PINEL, ELIETTE, FR
[72] GARD, ERIC, FR
[73] SUMITOMO METAL INDUSTRIES, LTD., JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2012-03-16
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[25] EN
[54] **SOLUTION AND METHOD FOR ACTIVATING THE OXIDIZED SURFACE OF A SEMICONDUCTOR SUBSTRATE**
[54] **SOLUTION ET PROCEDE POUR ACTIVER LA SURFACE OXYDEE D'UN SUBSTRAT SEMI-CONDUCTEUR**
[72] MEVELLEC, VINCENT, FR
[72] SUHR, DOMINIQUE, FR
[73] ALCHIMER, FR
[85] 2012-03-15
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[54] **FILTRATION DEVICE AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE FILTRATION**
[72] PAULLIER, PATRICK, FR
[72] OULD DRIS, AISSA, FR
[72] LECLERC, ERIC, FR
[73] UNIVERSITE TECHNOLOGIE DE COMPIEGNE - UTC, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[25] EN
[54] **DIGITAL CONTROL MANAGER**
[54] **GESTIONNAIRE DE COMMANDE NUMERIQUE**
[72] CARON, SIMON, CA
[72] MONSARRAT-CHANON, HAMI, CA
[73] SCHNEIDER ELECTRIC BUILDINGS, LLC, US
[85] 2012-03-22
[86] 2010-09-23 (PCT/CA2010/001528)
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[25] EN
[54] **PASSIVATED NANOPARTICLES**
[54] **NANOPARTICULES PASSIVEES**
[72] QU, LIANHUA, US
[72] MILLER, GREGORY, US
[73] CRYSTALPLEX CORPORATION, US
[85] 2012-03-23
[86] 2010-09-23 (PCT/US2010/049988)
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[25] EN
[54] **SAMPLING TOOL HAVING A PURGE SYSTEM**
[54] **OUTIL D'ECHANTILLONNAGE COMPORTANT UN SYSTEME DE PURGE**
[72] HERSAK, GREG, CA
[72] KING, JAMES MITCHELL, CA
[72] JESUP, HOWIE, CA
[73] ATOMIC ENERGY OF CANADA LIMITED (AECL), CA
[85] 2012-03-30
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[25] EN
[54] **METHODS, SYSTEMS AND APPARATUS FOR MANIPULATING PARTICLES**
[54] **PROCEDES, SYSTEMES ET APPAREIL DE MANIPULATION DE PARTICULES**
[72] MEHTA, SUNIL, US
[72] HERMAN, TOD, US
[72] MCMAHON, JOE, US
[72] WILSON, STEPHEN, AU
[72] FITZPATRICK, IAN, AU
[72] CRAIG, TIMOTHY, AU
[73] SARTORIUS STEDIM NORTH AMERICA INC., US
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[72] D'ANGELO, CHARLES, III, US
[72] STONE, FRANCIS MARION, JR., US
[72] THOMPSON, STEPHEN TAYLOR, US
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[54] **VENTILATEUR AXIAL, ROTOR DE VENTILATEUR ET PROCEDE DE REALISATION D'UN ROTOR DESTINE A UN VENTILATEUR AXIAL**
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[54] **PROCEDE DE GESTION DE L'ETAT DE CHARGE D'UNE BATTERIE**
[72] QUET, PIERRE-FRANCOIS, US
[73] NUVERA FUEL CELLS, LLC, US
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[72] YERBICK, PATRICK, US
[73] BIOMERIEUX, INC., US
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[54] **METHODS AND COMPOSITIONS FOR MODULATING TAU LEVELS**
[54] **PROCEDES ET COMPOSITIONS POUR MODULER LES TAUX DE TAU**
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[73] THE J. DAVID GLADSTONE INSTITUTES, US
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[54] **UTILISATION D'UN COMPLEMENT ALIMENTAIRE A BASE METALLIQUE DANS DES ALIMENTS POUR ANIMAUX**
[72] WREESMANN, CAREL THEO JOZEF, NL
[72] REICHWEIN, ADRIANUS MARIA, NL
[72] VAN DOORN, MARCELLINUS ALEXANDER, NL
[72] MARTIN-TERESO LOPEZ, JAVIER, NL
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[54] **PROCEDE PERMETTANT DE DETERMINER LA PERFORMANCE BINOCULAIRE D'UNE PAIRE DE VERRES DE LUNETTES**
[72] MOUSSET, SOAZIC, FR
[72] PETIGNAUD, CECILE, FR
[72] PEDRONO, CLAUDE, FR
[72] LADOUS, AGNES, FR
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[54] **SELS DE CUIVRE DE MATIERES ECHANGEUSES D'IONS POUR UNE UTILISATION DANS LE TRAITEMENT ET LA PREVENTION DES INFECTIONS**
[72] TUFTS, SCOTT A., JR., US
[72] BARDWELL, JAMES, US
[72] BALTEZOR, MICHAEL J., US
[73] CAREFUSION 2200, INC., US
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[54] **FORMULATIONS OPHTALMIQUES CONTENANT DES GAMMA-LACTAMES SUBSTITUES ET PROCEDES POUR UTILISATION DE CELLES-CI**
[72] GORE, ANURADHA V., US
[72] JORDAN, ROBERT S., US
[72] PARASHAR, AJAY P., US
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[72] GRAHAM, RICHARD S., US
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[54] **METHODS AND APPARATUS FOR TERMINATING ELECTRICAL CONNECTORS TO CABLES**
[54] **PROCEDES ET APPAREIL PERMETTANT DE RACCORDER DES CONNECTEURS ELECTRIQUES A DES CABLES**
[72] TOBEY, SHAWN PHILLIP, US
[72] PEPE, PAUL JOHN, US
[73] TYCO ELECTRONICS CORPORATION, US
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[54] **SYSTEM AND METHOD FOR MEASURING FATIGUE FOR MECHANICAL COMPONENTS OF AN AIRCRAFT AND AIRCRAFT MAINTENANCE METHOD**
[54] **SYSTEME ET PROCEDE DE MESURE DE FATIGUE POUR PIECES MECANIQUES D'UN AERONEF ET PROCEDE DE MAINTENANCE DE L'AERONEF**
[72] SEIZE, GUILHEM, FR
[73] SNECMA, FR
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[54] **COMPOSE HYDROXYAROMATIQUE ALKYLE SENSIBLEMENT EXEMPT DE SUBSTANCES CHIMIQUES INHIBITRICES ENDOCRINES**
[72] CAMPBELL, CURTIS BAY, US
[72] HARRISON, JAMES J., US
[73] CHEVRON ORONITE COMPANY LLC, US
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[54] **SYSTEM AND METHOD FOR TREATING AN AMORPHOUS ALLOY RIBBON**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'UN RUBAN D'ALLIAGE AMORPHE**
[72] COUTURE, PIERRE, CA
[72] FRANCOEUR, BRUNO, CA
[73] HYDRO-QUEBEC, CA
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[54] **INTRODUCTEUR D'AGRAFEUSES CIRCULAIRES AVEC GAINE A LUMIERES MULTIPLES**
[72] BAXTER, CHESTER O., III, US
[72] HUNT, JOHN V., US
[72] SILKAITIS, DANIUS P., US
[72] WILEY, JEFFREY P., US
[72] FRANER, PAUL T., US
[72] SCHULTE, JOHN B., US
[72] ABBOTT, DANIEL J., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **ETUI POUR ARBALETE**
[72] WHALEN, JOHN, US
[72] HAGEMANN, JOHN, US
[72] FIORE, JOSEPH F., US
[73] PLANO MOLDING COMPANY, US
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[54] **ENSEMBLE TRANSFORMATEUR ELECTRIQUE**
[72] FRANCOEUR, BRUNO, CA
[72] COUTURE, PIERRE, CA
[73] HYDRO-QUEBEC, CA
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[72] GAO, YUAN, US
[72] LI, YANGXING, US
[72] FITCH, KENNETH BRIAN, US
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[54] **RECHERCHE BASEE SUR UNE LOCALISATION**
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[72] VON BEHREN, JAMES R., US
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[54] **COMPOSITIONS D'ACIDES BILIAIRES SYNTHETIQUES ET PROCEDES**
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[72] DAVID, NATHANIEL E., US
[72] MAHMOOD, NADIR AHMEDUDDIN, US
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[54] **METHOD OF CONTROLLING THE SATURATION LEVEL OF A GENERATED GASEOUS STATE FLUID**
[54] **PROCEDE DE CONTROLE DU NIVEAU DE SATURATION D'UN FLUIDE A L'ETAT GAZEUX GENERE**
[72] LACH, RAYMOND, CA
[73] MAXI-THERME INC., CA
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[54] **DISPOSITIF D'ALIMENTATION A DECOUPAGE**
[72] OSATO, TOMOKAZU, JP
[72] FUJII, KAZUTOSHI, JP
[73] EYE LIGHTING SYSTEMS CORPORATION, JP
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[54] **SIMULATEUR DE COMPORTEMENT DU SOL POUR LAMES D'ACCESSOIRES AGRICOLES**
[72] ZEMENCHIK, ROBERT A., US
[72] HUENEMANN, MATTHEW, US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[73] EMERSON & RENWICK LTD, GB
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[54] **SYSTEME DE MESSAGERIE STEGANOGRAPHIQUE UTILISANT DES PARTIES INVARIANTES DE CODE**
[72] PROBERT, THOMAS H., US
[73] STEGOSYSTEMS, INC., US
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[72] OBRIST, MANFRED, AT
[73] SULZER MIXPAC AG, CH
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[54] **BIOCOMBUSTIBLES OBTENUS PAR HYDROGENOLYSE-CONDENSATION**
[72] CHHEDA, JUBEN NEMCHAND, US
[72] JOHNSON, KIMBERLY ANN, US
[72] POWELL, JOSEPH BROUN, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **DISPOSITIF DE BIOREMEDIATION**
[72] ST-PIERRE, JACQUES, CA
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[54] **MATERIAU FLEXIBLE EN NID D'ABEILLE A BASE DE FIBRES CELLULOSIQUES**
[72] PRUD'HOMME, HUGUES, CA
[72] DE PAOLI, DIEGO, CA
[72] KUMAR, MICHAEL, CA
[72] BRASSARD, MARC, CA
[72] JAMES, DAVID, CA
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[54] **PROCEDE DE DESALINISATION ALIMENTE PAR LA CHALEUR PERDUE**
[72] SHAPIRO, ANDREW PHILIP, US
[72] VORA, NISHITH, US
[72] TANG, CHING-JEN, US
[72] HARDY, ALICIA JILLIAN JACKSON, US
[72] WESTERKAMP, DOUGLAS, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **FILTRE A GAZ COMPORTANT UN CADRE THERMOPLASTIQUE EN MOUSSE**
[72] ENBOM, ERNST KJELL-AKE, SE
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[54] **UNIVERSAL LIPSTICK REFILL CASE**
[54] **BOITIER UNIVERSEL POUR RECHARGE DE ROUGE A LEVRES**
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[25] EN
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[54] **CONCENTRATEUR DE PARTICULES BIOLOGIQUES LIQUIDE A LIQUIDE A TRAJET DE FLUIDE JETABLE**
[72] PAGE, ANDREW EDWARD, US
[72] PACKINGHAM, ZACHARY A., US
[72] ALBURTY, DAVID SCOTT, US
[72] ADOLPHSON, ALEC D., US
[73] INNOVAPREP LLC, US
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[25] EN
[54] **IMPROVED ADSORPTION PROCESS FOR THE DEHYDRATION OF ALCOHOL**
[54] **PROCEDE AMELIORE D?ADSORPTION POUR DESHYDRATER UN ALCOOL**
[72] BROWN, CHRISTOPHER, US
[72] SIMO, MARION, US
[73] THERMAL KINETICS SYSTEMS, LLC, US
[85] 2012-07-17
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE PREPARATION OF AEROSOLS**
[54] **PROCEDES ET COMPOSITIONS POUR LA PREPARATION D'AEROSOLS**
[72] DEPLA, ERIK, BE
[72] SERGI, MAURO, AT
[72] CASTEELS, PETER, BE
[73] ABLYNX NV, BE
[85] 2012-07-20
[86] 2011-02-11 (PCT/EP2011/052024)
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[30] US (61/303,447) 2010-02-11
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[25] EN
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[54] **VAPORISATION DE GAZ NATUREL LIQUIDE**
[72] ZHAO, BAOZHONG, US
[72] TOLBA, MOHAMED B., US
[72] NICHOLS, HOWARD F., US
[73] LUMMUS TECHNOLOGY INC., US
[85] 2012-07-24
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[51] **Int.Cl. G06K 9/20 (2006.01) G06K 19/00 (2006.01)**
[25] EN
[54] **RESOLUTION ADJUSTMENT OF AN IMAGE THAT INCLUDES TEXT UNDERGOING AN OCR PROCESS**
[54] **REGLAGE DE LA RESOLUTION D'UNE IMAGE COMPRENANT DU TEXTE SOUMIS A OCERISATION**
[72] GALIC, SASA, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-08-14
[86] 2011-03-09 (PCT/US2011/027770)
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[25] EN
[54] **METHODS FOR CALIBRATING A FLUOROMETER**
[54] **PROCEDE D'ETALONNAGE D'UN FLUORIMETRE**
[72] TOKHTUEV, EUGENE, US
[72] OWEN, CHRISTOPHER J., US
[72] TRYGGESTAD, SOREN K., US
[72] PILIPCHENKO, ANNA, US
[73] ECOLAB USA INC., US
[85] 2012-08-15
[86] 2011-03-29 (PCT/IB2011/051341)
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[25] EN
[54] **SYSTEMS AND METHODS FOR USING NEGATIVE PRESSURE WOUND THERAPY TO MANAGE OPEN ABDOMINAL WOUNDS**
[54] **SYSTEMES ET PROCEDES POUR L'UTILISATION D'UN TRAITEMENT DE PLAIES PAR PRESSION NEGATIVE AFIN DE GERER DES PLAIES ABDOMINALES OUVERTES**
[72] LATTIMORE, JAMES D., US
[72] MOSHOLDER, MICHAEL B., US
[73] SMITH & NEPHEW, INC., US
[85] 2012-08-17
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[51] **Int.Cl. B05D 7/24 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A MEDICAMENT DISPENSER DEVICE**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF DE DISTRIBUTION DE MEDICAMENT**
[72] BROMLEY-DAVENPORT, DARREN, GB
[72] STEVENSON, PAUL, GB
[73] PORTAL MEDICAL LTD., GB
[85] 2012-08-24
[86] 2011-02-23 (PCT/GB2011/050352)
[87] (WO2011/104541)
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[25] EN
[54] **DERIVATIZED HYPERBRANCHED POLYGLYCEROLS**
[54] **POLYGLYCEROLS HYPER-RAMIFIES SUBSTITUES**
[72] BURT, HELEN, CA
[72] BROOKS, DONALD, CA
[72] KIZHAKKEDATHU, JAYACHANDRAN, CA
[72] LIGGINS, RICHARD, CA
[72] GUAN, DECHI, CA
[72] YE, LU, CA
[72] MUGABE, CLEMENT, CA
[72] SO, ALAN, CA
[72] GLEAVE, MARTIN, CA
[72] JACKSON, JOHN K., CA
[72] KAINTHAN, RAJESH KUMAR, US
[73] THE UNIVERSITY OF BRITISH COLUMIBA, CA
[73] CENTRE FOR DRUG RESEARCH AND DEVELOPMENT, CA
[85] 2012-08-29
[86] 2011-03-01 (PCT/CA2011/000225)
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[25] EN
[54] **BONDED ABRASIVE WHEEL**
[54] **MEULE ABRASIVE LIEE**
[72] GIVOT, MAIKEN, US
[72] SCHWABEL, MARK G., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2012-08-28
[86] 2011-02-22 (PCT/US2011/025696)
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[25] EN
[54] **SUBSTITUTED AZA-BICYCLIC IMIDAZOLE DERIVATIVES USEFUL AS TRPM8 RECEPTOR MODULATORS**
[54] **DERIVES D'IMIDAZOLE AZA-BICYCLIQUES SUBSTITUES UTILES COMME MODULATEURS DES RECEPTEURS TRPM8**
[72] PLAYER, MARK R., US
[72] CALVO, RAUL, US
[72] CHEN, JINSHENG, US
[72] MEEGALLA, SANATH, US
[72] PARKS, DANIEL, US
[72] PARSONS, WILLIAM, US
[72] BALLENTINE, SCOTT, US
[72] BRANUM, SHAWN, US
[73] JANSSEN PHARMACEUTICA NV, BE
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[54] **GUIDE D'ONDE**
[72] KUNES, MARK ANTHONY, GB
[73] ASTRIUM LIMITED, GB
[85] 2012-08-31
[86] 2011-03-02 (PCT/EP2011/053133)
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[25] EN
[54] **EMULSIFIABLE CONCENTRATE**
[54] **CONCENTRE EMULSIFIABLE**
[72] CAPRACOTTA, MICHAEL D., US
[72] BRASHER, LAURA L., US
[73] BASF SE, DE
[85] 2012-08-31
[86] 2011-03-04 (PCT/US2011/027151)
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[25] EN
[54] **HELICAL RADIAL SPACING OF CONTACTS ON A CYLINDRICAL LEAD**
[54] **ESPACEMENT RADIAL HELICOIDAL DES CONTACTS SUR UN CONDUCTEUR CYLINDRIQUE**
[72] MOFFITT, MICHAEL ADAM, US
[72] PETERSON, DAVID KARL LEE, US
[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2012-09-05
[86] 2011-03-15 (PCT/US2011/028540)
[87] (WO2011/119377)
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[25] EN
[54] **DUAL-STAGE PILOTED FORCE REDUCTION VALVE**
[54] **SOUPAPE DE REDUCTION DE FORCE PILOTEE EN DEUX ETAPES**
[72] RAMLER, MATTHEW J., US
[72] RASZGA, CALIN, US
[73] DEERE & COMPANY, US
[86] (2792351)
[87] (2792351)
[22] 2012-10-12
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[51] **Int.Cl. G01B 17/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR USING CEPSTRUM AND WAVELET BASED ALGORITHMS FOR WALL THICKNESS MEASUREMENT**
[54] **PROCEDE ET APPAREIL POUR UTILISER DES ALGORITHMES A BASE DE SPECTRE ET D'ONDELETTES POUR MESURER L'EPAISSEUR DE PAROIS**
[72] DAVIS, MICHAEL A., US
[72] FOSS, MARK A., US
[73] CIDRA CORPORATE SERVICES INC., US
[85] 2012-09-07
[86] 2011-03-09 (PCT/US2011/027749)
[87] (WO2011/112715)
[30] US (61/311,979) 2010-03-09

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[25] EN
[54] **A VIBRATORY INSTRUMENT WITH AN INTERCHANGEABLE TOOL**
[54] **INSTRUMENT VIBRATOIRE A OUTIL INTERCHANGEABLE**
[72] RICHER, JEAN-MICHEL, FR
[72] PINEL, ALAIN, FR
[72] LESAGE, PATRICK, FR
[73] SOCIETE POUR LA CONCEPTION DES APPLICATIONS DES TECHNIQUES ELECTRONIQUES, FR
[73] LESAGE, PATRICK, FR
[85] 2012-09-10
[86] 2011-03-03 (PCT/FR2011/050444)
[87] (WO2011/110774)
[30] FR (1051803) 2010-03-12

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[51] **Int.Cl. C08C 1/12 (2006.01) C08C 2/00 (2006.01) C08F 6/10 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF WATER AND SOLVENT-FREE NITRILE RUBBERS**
[54] **PROCEDE DE PRODUCTION DE CAOUTCHOUCS NITRILE NE CONTENANT NI EAU NI SOLVANTS**
[72] PAUL, HANNS-INGOLF, DE
[72] WAGNER, PAUL, DE
[72] FELLER, ROLF, DE
[72] KIRCHHOFF, JOERG, DE
[72] LOVEGROVE, JOHN, CA
[72] FORNER, FLORIAN, DE
[72] KLIMPEL, MICHAEL, DE
[72] WEUTA, PETER, DE
[72] BRANDAU, SVEN, FR
[73] ARLANXEO DEUTSCHLAND GMBH, DE
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[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING AN ANALYSIS CHRONICLE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER UNE CHRONIQUE D'ANALYSE**
[72] SETLUR, VIDYA, US
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2012-09-20
[86] 2011-03-23 (PCT/IB2011/051242)
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[51] **Int.Cl. F03D 5/00 (2006.01) F03D 5/06 (2006.01) F03D 7/00 (2006.01)**
[25] EN
[54] **ACTUATING SYSTEMS FOR CONTROLLING THE FLIGHT OF A POWER WING PROFILE FOR CONVERSION OF WIND ENERGY INTO ELECTRICAL OR MECHANICAL ENERGY**
[54] **SYSTEMES D'ACTIONNEMENT DESTINES A COMMANDER LE VOL D'UN PROFIL D'AILE DE TRACTION POUR CONVERSION DE L'ENERGIE EOLIENNE EN ENERGIE ELECTRIQUE OU MECANIQUE**
[72] MILANESE, MARIO, IT
[72] FAGIANO, LORENZO, IT
[72] GERLERO, ILARIO, IT
[73] KITENERGY S.R.L., IT
[85] 2012-09-24
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[51] **Int.Cl. A47H 1/10 (2006.01) A47H 1/104 (2006.01) A47H 1/14 (2006.01) A47H 1/144 (2006.01)**
[25] EN
[54] **A CURTAIN TRACK ASSEMBLY AND MOUNTING DEVICE**
[54] **ENSEMBLE RAIL DE RIDEAU ET DISPOSITIF DE MONTAGE**
[72] DENNISON, ROGER FREDERICK, NZ
[73] MCP NEW ZEALAND LIMITED, NZ
[85] 2012-09-24
[86] 2011-03-18 (PCT/NZ2011/000035)
[87] (WO2011/119050)
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[51] **Int.Cl. G01N 23/04 (2018.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR NON-DESTRUCTIVE TESTING (NDT) OF POWER LINE SLEEVES, DEAD-ENDS AND OTHER COUPLINGS**
[54] **METHODE, SYSTEME ET APPAREIL POUR ESSAIS NON DESTRUCTIFS DE MANCHONS DE LIGNES ELECTRIQUES, PINCES D'ANCRAGE ET AUTRES RACCORDS**
[72] STOCK, CALVIN, CA
[73] VALARD CONSTRUCTION LTD., CA
[86] (2794497)
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[25] EN
[54] **METHOD FOR IMPROVING FLUOROCARBON ELASTOMER SEAL COMPATIBILITY**
[54] **PROCEDE D'AMELIORATION DE LA COMPATIBILITE D'UN JOINT EN ELASTOMERE FLUOROCARBONE**
[72] NELSON, KENNETH D., US
[72] YAMAGUCHI, ELAINE S., US
[72] NG, KAM-SIK, US
[72] ROGERS, PAULA S., US
[73] CHEVRON ORONITE COMPANY LLC, US
[85] 2012-09-26
[86] 2011-03-07 (PCT/US2011/027349)
[87] (WO2011/126639)
[30] US (12/798,252) 2010-03-31

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[13] C
[51] **Int.Cl. A61K 9/50 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING CARRIER PARTICLES FOR DRY POWDERS FOR INHALATION**
[54] **PROCEDE DE PREPARATION DE PARTICULES D'EXCIPIENT POUR POUDRES SECHES A INHALER**
[72] MUSA, ROSSELLA, IT
[72] COCCONI, DANIELA, IT
[72] CHAMAYOU, ALAIN, IT
[72] GALET, LAURENCE, IT
[73] CHIESI FARMACEUTICI S.P.A., IT
[85] 2012-09-28
[86] 2011-03-11 (PCT/EP2011/053695)
[87] (WO2011/120779)
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[25] EN
[54] **COMPOUNDS AND METHOD FOR TREATMENT OF HIV**
[54] **COMPOSES ET METHODES POUR LE TRAITEMENT DU VIH**
[72] DANTER, WAYNE, CA
[72] THRELFALL, CLINTON, CA
[72] GUIZZETTI, SYLVAIN, FR
[72] MARIN, JULIEN, FR
[73] CRITICAL OUTCOME TECHNOLOGIES INC., CA
[85] 2012-09-28
[86] 2011-04-01 (PCT/CA2011/000357)
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[51] **Int.Cl. C09K 8/584 (2006.01) C11D 1/06 (2006.01) C11D 1/29 (2006.01) C11D 1/34 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING MINERAL OIL USING SURFACTANTS BASED ON A MIXTURE OF C32 GUERBET-, C34 GUERBET-, C36 GUERBET-CONTAINING ALKYL ALKOXYLATES**
[54] **PROCEDE DE PRODUCTION DE PETROLE UTILISANT DES TENSIOACTIFS A BASE D'UN MELANGE D'ALCOXYLATES D'ALKYLE CONTENANT UN ALCOOL DE GUERBET EN C32, UN ALCOOL DE GUERBET EN C34, UN ALCOOL DE GUERBET EN C36**
[72] BITTNER, CHRISTIAN, DE
[72] OETTER, GUENTER, DE
[72] TINSLEY, JACK, DE
[72] SPINDLER, CHRISTIAN, DE
[72] ALVAREZ-JUERGENSON, GABRIELA, DE
[72] MAITRO-VOGEL, SOPHIE, DE
[72] NEUMANN, PETRA, DE
[72] WLOKA, VERONIKA, DE
[72] BOCK, MARTIN, DE
[73] BASF SE, DE
[85] 2012-10-01
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[30] EP (10160888.3) 2010-04-23

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[54] **SOLVENT COMPOSITIONS**
[54] **COMPOSITIONS DE SOLVANT**
[72] HAILU, ALEFESH, US
[72] ANDERSON, TIMOTHY, US
[73] COGNIS IP MANAGEMENT GMBH, DE
[85] 2012-10-01
[86] 2011-03-05 (PCT/EP2011/001096)
[87] (WO2011/131272)
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[25] EN
[54] **MICROPOROUS SEPARATOR-FILM FOR DOUBLE-LAYER CAPACITORS**
[54] **FEUILLE SEPARATRICE MICROPOREUSE POUR CONDENSATEURS A DOUBLE COUCHE**
[72] BUSCH, DETLEF, DE
[72] SCHMITZ, BERTRAM, FR
[72] KLEIN, DOMINIC, DE
[73] TREOFAN GERMANY GMBH & CO. KG, DE
[85] 2012-10-03
[86] 2010-12-21 (PCT/EP2010/007796)
[87] (WO2011/076375)
[30] DE (10 2009 060 446.4) 2009-12-22

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[25] EN
[54] **PROCESS FOR APPLICATION OF ALCOHOLIC DERIVATIVE ON HEAT TREATED PELLETS FOR INHIBITION OF PARTICULATE EMISSION AND SYSTEM FOR APPLICATION OF ALCOHOLIC DERIVATIVE ON HEAT TREATED PELLETS FOR INHIBITION OF PARTICULATE EMISSION**
[54] **PROCEDE D'APPLICATION DE DERIVE D'ALCOOL SUR DES GRANULES TRAITEES THERMIQUEMENT EN VUE DE L'INHIBITION D'EMISSION DE PARTICULES ET SYSTEME D'APPLICATION DE DERIVE D'ALCOOL SUR LES GRANULES TRAITEES THERMIQUEMENT EN VUE DE L'INHIBITION D'EMISSION DE PARTICULES**
[72] REIS, JOSE ANTONINO ALVES SILVA, BR
[72] STEGMILLER, LEONIDIO, BR
[72] GAMBERINI JUNIOR, ALDO, BR
[73] VALE S.A., BR
[85] 2012-10-10
[86] 2011-04-15 (PCT/BR2011/000113)
[87] (WO2011/127548)
[30] US (61/324,880) 2010-04-16

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[13] C
[51] **Int.Cl. B02C 17/22 (2006.01)**
[25] EN
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[54] **SYSTEME, AGENCEMENT ET PROCEDE DE FIXATION DE PLAQUE D'USURE**
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[54] **DISPOSITIF ET PROCEDE DE TRANSMISSION A VARIATION CONTINUE**
[72] KLIEWER, JOE, US
[73] ORBITAL TRACTION LIMITED, US
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[54] **DERMAL PHARMACEUTICAL COMPOSITIONS OF 1-METHYL-2',6'-PIPECOLOXYLIDIDE AND METHOD OF USE**
[54] **COMPOSITIONS PHARMACEUTIQUES DERMIQUES DE 1-METHYL-2',6'-PIPECOLOXYLIDIDE ET METHODE D'UTILISATION**
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[73] RELMADA THERAPEUTICS, INC., US
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[54] **DISTRIBUTEUR DE BANDE ADHESIVE POUR MAN□UVRE D'UNE SEULE MAIN**
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[72] MUELLER, GERALD E., US
[72] PACKARD, JOY A., US
[72] LANG, ARTHUR V., US
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[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **COMPOSITIONS D'EMULSION PHARMACEUTIQUE COMPRENANT DU PROGESTOGENE**
[72] PICKERSGILL, LAURA, GB
[72] DI HOISER, EVA-MARIA, AT
[72] ACHLEITNER, GEORG, AT
[73] BESINS HEALTHCARE LUXEMBOURG SARL, LU
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[54] **APPAREIL ET PROCEDE POUR L'AFFICHAGE DE PUBLICITES ELECTRONIQUES**
[72] RANGER, DAVID GREGORY, AU
[73] TOTAL RANGE DESIGN PTY LTD, AU
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[54] **FILTERING MODE FOR INTRA PREDICTION INFERRED FROM STATISTICS OF SURROUNDING BLOCKS**
[54] **MODE DE FILTRAGE POUR LA PREVISION INTRATRAME DEDUIT DE STATISTIQUES DES BLOCS ENVIRONNANTS**
[72] WITTMANN, STEFFEN, DE
[72] DRUGEON, VIRGINIE, DE
[72] NARROSCHKE, MATTHIAS, DE
[72] WEDI, THOMAS, DE
[73] SUN PATENT TRUST, US
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[54] **BALL VALVE SEAL WITH DYNAMIC C-SEAL AND STATIC C-SEAL**
[54] **JOINT DE VANNE A OBTURATEUR SPHERIQUE AVEC JOINT C DYNAMIQUE ET JOINT C STATIQUE**
[72] DALLUGE, PAUL R., US
[72] DAVIES, LONNIE O., JR., US
[72] FITZGERALD, WILLIAM V., US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **MOVABLE BARRIER HYDRAULIC BRAKING**
[54] **FREIN HYDRAULIQUE POUR BARRIERE MOBILE**
[72] LHOTAK, ROGER WILLIAM, US
[72] SKOTTY, BRIAN ROY, US
[73] THE CHAMBERLAIN GROUP, INC., US
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[54] **A TENSIONER**
[54] **UN TENDEUR**
[72] TAN, ROBERT HONG SENG, AU
[73] MITEK HOLDINGS, INC., US
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[25] EN
[54] **AGRICULTURAL FORMULATIONS WITH ACYL MORPHOLINES AND POLAR APROTIC CO-SOLVENTS**
[54] **FORMULATIONS AGRICOLES CONTENANT DES ACYLMORPHOLINES ET DES CO-SOLVANTS APROTIQUES POLAIRES**
[72] WESTBYE, PETER, SE
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2012-11-08
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[54] **CLEANING APPARATUS FOR CLEANING MOP MATERIAL AND METHOD OF CLEANING MOP MATERIAL**
[54] **APPAREIL DE NETTOYAGE POUR NETTOYER UN MATERIAU FORMANT SERPILLERE ET PROCEDE DE NETTOYAGE D'UN MATERIAU FORMANT SERPILLERE**
[72] YOUNG, RONALD ALEXANDER (SCOT), GB
[73] YOUNG, RONALD ALEXANDER (SCOT), GB
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[54] **CONTAINER FROM FIBRE BASED BOARD AND A METHOD FOR PRODUCING SUCH A CONTAINER**
[54] **CONTENANT EN CARTON A BASE DE FIBRES ET PROCEDE DE PRODUCTION D'UN TEL CONTENANT**
[72] HEISKANEN, ISTO, FI
[72] RAEISAENEN, TIMO, FI
[72] RAESAENEN, JARI, FI
[72] LAMMI, TITTA, FI
[73] STORA ENSO OYJ, FI
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[54] **A WAVE POWER UNIT WITH GUIDING DEVICE**
[54] **UNITE DE PRODUCTION D'ENERGIE UTILISANT L'ENERGIE DES VAGUES ET COMPORTANT UN DISPOSITIF DE GUIDAGE**
[72] LEIJON, MATS, SE
[72] SAVIN, ANDREJ, SE
[72] LEANDERSSON, ROBERT, SE
[72] WATERS, RAFAEL, SE
[72] RAHM, MAGNUS, SE
[73] SEABASED AB, SE
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[25] EN
[54] **A WAVE POWER UNIT, A USE OF A SUCH AND A METHOD OF PRODUCING ELECTRIC ENERGY**
[54] **UNITE DE PRODUCTION D'ENERGIE UTILISANT L'ENERGIE DES VAGUES, UTILISATION D'UNE TELLE UNITE ET PROCEDE DE PRODUCTION D'ENERGIE ELECTRIQUE**
[72] LEIJON, MATS, SE
[72] HAIKONEN, KALLE, SE
[73] SEABASED AB, SE
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[54] **ACOUSTICAL SOUND PROOFING MATERIAL WITH IMPROVED DAMPING AT SELECT FREQUENCIES AND METHODS FOR MANUFACTURING SAME**
[54] **MATERIAU D'INSONORISATION ACOUSTIQUE AVEC AMORTISSEMENT AMELIORE A DES FREQUENCES SELECTIONNEES ET PROCEDES DE FABRICATION DE CELUI-CI**
[72] TINIANOV, BRANDON D., US
[72] SURACE, KEVIN J., US
[73] PACIFIC COAST BUILDING PRODUCTS, INC., US
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[25] EN
[54] **PULSED MEDIUM- AND HIGH-PRESSURE LIQUID JET GENERATOR FOR MEDICAL AND SURGICAL USES**
[54] **GENERATEUR DE JET DE LIQUIDE PULSE A MOYENNE ET HAUTE PRESSION DESTINE A DES USAGES MEDICAUX ET CHIRURGICAUX**
[72] GONON, BERTRAND, FR
[73] NESTIS, FR
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[54] **DISSECTION HANDPIECE AND METHOD FOR REDUCING THE APPEARANCE OF CELLULITE**
[54] **PIECE A MAIN DE DISSECTION ET PROCEDE DE REDUCTION DE L'APPARENCE DE LA CELLULITE**
[72] CLARK, ROBERT L., III, US
[72] CHOMAS, JAMES E., US
[72] MERCHANT, ADNAN I., US
[72] BRIAN, BEN F. III, US
[73] ULTHERA, INC., US
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[54] **RECOMBINANT HUMAN G-CSF DIMER AND USE THEREOF FOR THE TREATMENT OF NEUROLOGICAL DISEASES**
[54] **DIMERE DE G-CSF HUMAINE RECOMBINANTE ET SON EMPLOI DANS LE TRAITEMENT DE MALADIES NEUROLOGIQUES**
[72] YAN, XIAOQIANG, CN
[72] HUANG, ZHIHUA, CN
[72] YANG, HONGZHOU, CN
[72] SUN, BILL N.C., CN
[72] HUANG, YULIANG, CN
[73] GENERON (SHANGHAI) CORPORATION LTD., CN
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[54] **FOAM ENHANCEMENT OF FATTY ACYL GLYCINATE SURFACTANTS**
[54] **AMELIORATION DE LA MOUSSE DES TENSIOACTIFS DU TYPE GLYCINATE D'ACYLE GRAS**
[72] DASGUPTA, BIVASH RANJAN, US
[72] SINGH, PRABHJYOT, US
[72] ANANTHAPADMANABHAN, KAVSSERY PARAMESWARAN, US
[72] CHANDAR, PREM, US
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[54] **BAUME DE CAJOU AYANT UNE STABILITE AMELIOREE**
[72] ITO, SHINJI, JP
[72] NAGASHIMA, KYO, JP
[72] MOCHIZUKI, MASAMI, JP
[72] OOIWA, SEIKA, JP
[73] IDEMITSU KOSAN CO., LTD., JP
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[54] **SYSTEM FOR ANALYZING A GAS MIXTURE INCLUDING AT LEAST ONE CHROMATOGRAPHY COLUMN**
[54] **SYSTEME POUR L'ANALYSE D'UN MELANGE GAZEUX COMPRENANT AU MOINS UNE COLONNE DE CHROMATOGRAPHIE**
[72] PUGET, PIERRE, FR
[72] MYERS, EDWARD B., US
[72] ROUKES, MICHAEL L., US
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[73] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[25] EN
[54] **METHODS FOR PRODUCING TELECHELIC POLYOLEFINS FROM TERPENE INITIATORS**
[54] **PROCEDES POUR PRODUIRE DES POLYOLEFINES TELECHELIQUES A PARTIR D'INITIATEURS DE TERPENE**
[72] STOKES, CASEY D., US
[72] CHANG, YOUNG A., US
[73] CHEVRON ORONITE COMPANY LLC, US
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[54] **ACCELERATOR SOLUTION AND PROCESS FOR CURING CURABLE RESINS**
[54] **SOLUTION ET PROCESSUS ACCELERANT LA POLYMERISATION DE RESINES DURCISSABLES**
[72] KOERS, FREDERIK WILLEM KAREL, NL
[72] REIJNDERS, JOHANNES MARTINUS GERARDUS MARIA, NL
[72] TALMA, AUKE GERARDUS, NL
[72] TER BEEK, JOHANNES HERMANUS, NL
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[54] **NOUVEAU PROCEDE DE PRODUCTION DE MICROCELLULOSE**
[72] DAHL, OLLI, FI
[72] VANHATALO, KARI, FI
[72] PARVIAINEN, KARI, FI
[73] AALTO UNIVERSITY FOUNDATION SR, FI
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[54] **2-OXO-1,3-DIOXOLANE-4-CARBOXYLIC ACID AND DERIVATIVES THEREOF, THEIR PREPARATION AND USE**
[54] **ACIDE 2-OXO-1,3-DIOXOLANE-4-CARBOXYLIQUE ET SES DERIVES, PREPARATION ET UTILISATION ASSOCIEES**
[72] MECFEL-MARCZEWSKI, JOANNA, DE
[72] WALTHER, BURKHARD, DE
[72] MEZGER, JOCHEN, DE
[72] KIERAT, RADOSLAW, DE
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[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **DEVICE FOR DETECTING AN ANALYTE IN A BODILY FLUID**
[54] **DISPOSITIF DE DETECTION D'UN ANALYTE DANS UN LIQUIDE CORPOREL**
[72] PETRICH, WOLFGANG, DE
[72] WEIDNER, FRANK, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2012-12-11
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[25] EN
[54] **METHOD OF REDUCING MAGNETIC AND/OR OXIDIC CONTAMINANTS IN LITHIUM METAL OXYGEN COMPOUNDS**
[54] **PROCEDE DE REDUCTION D'IMPURETES MAGNETIQUES ET/OU OXYDIQUES DANS DES COMPOSES LITHIUM METALLIQUE-OXYGENE**
[72] HOLZAPFEL, MICHAEL, DE
[72] VOGLER, CHRISTIAN, DE
[73] JOHNSON MATTHEY PLC., GB
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[86] 2011-07-04 (PCT/EP2011/061250)
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[30] DE (10 2010 032 207.5) 2010-07-26

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[25] EN
[54] **INFORMATION-PROVIDING DEVICE, INFORMATION-PROVIDING METHOD, INFORMATION-PROVIDING PROGRAM, AND RECORDING MEDIUM IN WHICH INFORMATION-PROVIDING PROGRAM IS RECORDED**
[54] **DISPOSITIF DE COMMUNICATION D'INFORMATIONS, PROCEDE DE COMMUNICATION D'INFORMATIONS, PROGRAMME DE COMMUNICATION D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT SUR LEQUEL LE PROGRAMMEDE COMMUNICATION D'INFORMATIONS EST ENREGISTRE**
[72] SUGIURA, KENJI, JP
[72] SHIROGANE, YASUAKI, JP
[73] RAKUTEN, INC., JP
[85] 2012-12-21
[86] 2011-06-28 (PCT/JP2011/064733)
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[30] JP (2010-147722) 2010-06-29

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[25] EN
[54] **ASPERGILLUS CONTAINING BETA-GLUCOSIDASE, BETA-GLUCOSIDASES AND NUCLEIC ACIDS ENCODING THE SAME**
[54] **ASPERGILLUS CODANT POUR DES BETA-GLUCOSIDASES ET ACIDES NUCLEIQUES CODANT POUR CELLES-CI**
[72] TELLER, PHILIP, DK
[72] LUBECK, PETER S., DK
[72] SØRENSEN, ANNETTE, DK
[72] AHRING, BIRGITTE K., US
[73] CLEANVANTAGE LLC, US
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[54] **BLOOD PRESSURE MONITOR CALIBRATION**
[54] **ETALONNAGE D'UN DISPOSITIF DE SURVEILLANCE DE LA PRESSION SANGUINE**
[72] GROTOV, YURY, KN
[73] GROTOV, YURY, KN
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[51] **Int.Cl. B65D 1/34 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING A PACKAGE, A PACKAGE AND A PACKAGE BLANK**
[54] **PROCEDE DE FORMATION D'UN EMBALLAGE, EMBALLAGE ET FLAN D'EMBALLAGE**
[72] KARHU, TEEMU, FI
[72] MYLLYS, TIMO, FI
[72] PIRTTINIEMI, OLAV, FI
[72] OJAVA, AIMO, FI
[72] MAATTA, PAIVI, FI
[72] JARVINEN, JALLIINA, FI
[73] STORA ENSO OYJ, FI
[85] 2013-02-04
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[54] **FLUSHING MECHANISM**
[54] **MECANISME DE CHASSE**
[72] LI, FEIYU, CN
[72] LI, JIAN, CN
[72] HONG, LAICONG, CN
[73] LI, FEIYU, CN
[85] 2013-02-06
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[25] EN
[54] **PROCESSING OF MANGANOUS SULPHATE/DITHIONATE LIQUORS**
[54] **TRAITEMENT DE LIQUEURS DE SULFATE/DITHIONATE DE MANGANESE**
[72] CHOW, NORMAN, CA
[72] FISHER, JOHN W., CA
[72] WARKENTI, DOUGLAS, CA
[72] NACU, ANCA-MIHAELA, CA
[73] KEMETCO RESEARCH INC., CA
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[25] EN
[54] **METHOD FOR PRODUCING SOFTENED PLANT MATERIAL**
[54] **PROCEDE DE FABRICATION DE MATERIAU VEGETAL RAMOLLI**
[72] UMENE, SHINGO, JP
[73] EN OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2013-02-22
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[54] **PROCESS AND KIT FOR TREATING HAIR**
[54] **PROCEDE ET KIT PERMETTANT DE TRAITER LES CHEVEUX**
[72] BERMUDEZ VICO, MANUELA, ES
[72] DELPANI, LORENZO, ES
[73] THE COLOMER GROUP SPAIN S.L., ES
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[25] EN
[54] **ENDOSCOPIC ULTRASOUND FINE NEEDLE ASPIRATION DEVICE**
[54] **DISPOSITIF D'ASPIRATION POUR AIGUILLE FINE ENDOSCOPIQUE PAR ULTRASONS**
[72] TINKHAM, BRIAN, US
[72] DEVRIES, ROBERT, US
[72] WEISMAN, MICHAL, US
[72] RYAN, SHAWN, US
[72] BACON, DANIEL, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR FILLING A MULTI-ROW PACKAGING TRAY WITH PIECE-FORM PRODUCTS**
[54] **PROCEDE ET DISPOSITIF POUR REMPLIR DE PRODUITS INDIVIDUELS UNE BARQUETTE D'EMBALLAGE A PLUSIEURS RANGEES**
[72] HAMMACHER, HEINZ-PETER, DE
[73] LOESCH VERPACKUNGSTECHNIK GMBH, DE
[85] 2013-03-06
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[54] **VOLATILE MATERIAL DISPENSER AND DISPENSING SCREEN THEREFOR**
[54] **DISTRIBUTEUR DE MATERIAU VOLATIL ET TAMIS DE DISTRIBUTION ASSOCIE**
[72] SLADE, BRIAN PARRY, GB
[73] I&I DEVELOPMENTS LTD., GB
[85] 2013-03-08
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[25] EN
[54] **METHOD AND APPARATUS FOR THE EXTRACTION AND PROCESSING OF MOLYBDENUM-99**
[54] **PROCEDE ET APPAREIL POUR L'EXTRACTION ET LE TRAITEMENT DE MOLYBDENE-99**
[72] GLENN, DANIEL E., US
[72] AASE, SCOTT B., US
[72] STAGG, WILLIAM R., US
[73] BABCOCK & WILCOX TECHNICAL SERVICES GROUP, INC., US
[85] 2013-03-15
[86] 2011-02-17 (PCT/US2011/025305)
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[25] EN
[54] **UNINTERRUPTED TRANSMISSION OF INTERNET PROTOCOL TRANSMISSIONS DURING ENDPOINT CHANGES**
[54] **TRANSMISSION ININTERROMPUE DE TRANSMISSIONS PAR PROTOCOLE INTERNET AU COURS DE CHANGEMENTS DE POINT D'EXTREMITE**
[72] HUTTUNEN, PENTTI KALEVI, CA
[72] MCMILLAN, GAVIN MALCOLM, CA
[73] VOIP-PAL.COM, INC., US
[85] 2013-03-15
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[25] EN
[54] **INTEGRATED LOW POWER DEPTH CAMERA AND PROJECTION DEVICE**
[54] **CAMERA DE PROFONDEUR A FAIBLE PUISSANCE INTEGREE ET DISPOSITIF DE PROJECTION**
[72] KATZ, SAGI, US
[72] FELZENSHTEIN, SHLOMO, US
[72] ADLER, AVISHAI, US
[72] YAHAV, GIORA, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **IMMUNOASSAY TEST STRIP FOR USE IN A DIAGNOSTIC SYSTEM**
[54] **BANDELETTE DE TEST POUR DOSAGE IMMUNOLOGIQUE UTILISEE DANS UN SYSTEME DE DIAGNOSTIC**
[72] BAYDOUN, LINA, US
[73] HOLOGIC, INC., US
[85] 2013-03-26
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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/01 (2012.01) E21B 47/14 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DATA COMMUNICATION THROUGH METAL**
[54] **DISPOSITIF ET PROCEDE DESTINES A LA COMMUNICATION DE DONNEES A TRAVERS DU METAL**
[72] ANWAR, JOHAN, AU
[72] WILKINSON, BRETT, AU
[72] STEWART, GORDON, AU
[72] HEJLEH, KHALED, AU
[72] KLASS, MICHAEL, AU
[73] GLOBALTECH CORPORATION PTY LTD, AU
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[25] EN
[54] **MESOPOROUS ACTIVATED CARBON AND METHODS OF PRODUCING SAME**
[54] **CHARBON ACTIF MESOPOREUX ET SES PROCEDES DE PRODUCTION**
[72] REDDING, ADAM M., US
[73] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2013-04-05
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[87] (WO2012/047959)
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[25] EN
[54] **SYSTEM AND METHOD FOR ECONOMIC USAGE OF AN AIRCRAFT**
[54] **SYSTEME ET PROCEDE EN VUE DE L'UTILISATION ECONOMIQUE D'UN AERONEF**
[72] COVINGTON, CHARLES ERIC, US
[72] TUCKER, BRIAN, US
[72] PRIEST, THOMAS, US
[72] PLATZ, DAVID, US
[72] MCCOLLOUGH, JAMES M., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2813974)
[87] (2813974)
[22] 2013-04-25
[30] US (61/638,732) 2012-04-26
[30] US (13/868,159) 2013-04-23

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[25] EN
[54] **DENTURE STABILIZATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE STABILISATION D'UN APPAREIL DENTAIRE**
[72] BERGER, UZI, IL
[73] KAMIL TECH LTD, VG
[85] 2013-04-12
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[87] (WO2012/049672)
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[25] EN
[54] **COMPACT UNMANNED ROTARY AIRCRAFT**
[54] **AERONEF A VOILURE TOURNANTE NON HABITE COMPACT**
[72] OLM, ORVILLE, CA
[72] WOOD, GREG, CA
[72] DRAGAN, ZENON, CA
[73] AUTEL ROBOTICS USA LLC, US
[86] (2815885)
[87] (2815885)
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[51] **Int.Cl. B65D 30/08 (2006.01) B65D 75/48 (2006.01)**
[25] EN
[54] **PACKAGE, PARTICULARLY FOR ASEPTICALLY PACKAGEABLE PRODUCTS**
[54] **EMBALLAGE, EN PARTICULIER POUR DES PRODUITS EMBALLABLES DE MANIERE ASEPTIQUE**
[72] GOGLIO, FRANCO, IT
[73] GOGLIO S.P.A., IT
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[25] EN
[54] **METHOD AND APPARATUS FOR INSPECTING A GAS SAMPLE**
[54] **PROCEDE ET APPAREIL POUR INSPECTER UN ECHANTILLON DE GAZ**
[72] OVADIA, YUVAL, IL
[72] LINENBERG, AMOS (DECEASED), US
[73] S.T.I. SECURITY TECHNOLOGY INTEGRATION LTD., IL
[85] 2013-05-29
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[25] EN
[54] **BIOLOGICALLY ACTIVE FOOD SUPPLEMENT FOR PREVENTION OF OSTEOPOROSIS**
[54] **ADDITIF BIOACTIF POUR ALIMENTS DESTINE A LA PREVENTION DES CAS D'OSTEOPOROSE**
[72] ELISTRATOV, DMITRIY GENNADJEVICH, RU
[73] OBSHESTVO S OGRANICHENNOJ OTVETSTVENNOSTJU "PARAFARM", RU
[85] 2013-05-29
[86] 2010-10-21 (PCT/RU2010/000613)
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[51] **Int.Cl. B01D 46/42 (2006.01) B01D 46/00 (2006.01) B01D 46/24 (2006.01)**
[25] EN
[54] **STRUCTURAL REINFORCEMENTS FOR FILTER ASSEMBLIES**
[54] **RENFORTS STRUCTURAUX DESTINES A DES ENSEMBLES FILTRE**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] DECARR, GRAIG E., US
[73] COOPER TECHNOLOGIES COMPANY, US
[85] 2013-06-04
[86] 2011-12-20 (PCT/US2011/066305)
[87] (WO2012/088186)
[30] US (61/426,427) 2010-12-22

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[25] EN
[54] **BALLOON INFLATABLE NOZZLE ASSEMBLY**
[54] **DISPOSITIF DE BUSE DE GONFLAGE DE BALLON**
[72] CHEN, SAMUEL, CA
[73] CHEN, SAMUEL, CA
[86] (2820766)
[87] (2820766)
[22] 2013-06-25
[30] US (13/720,556) 2012-12-19

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[51] **Int.Cl. G06F 3/14 (2006.01) H04W 88/02 (2009.01) G06F 3/0481 (2013.01) G06F 17/00 (2006.01)**
[25] EN
[54] **MULTIPLE-STAGE INTERFACE CONTROL OF A MOBILE ELECTRONIC DEVICE**
[54] **COMMANDE D'INTERFACE A ETAPES MULTIPLES D'UN APPAREIL ELECTRONIQUE MOBILE**
[72] LAZARIDIS, MIHAL, CA
[72] LINDSAY, DONALD J., CA
[72] WOOD, TODD A., CA
[72] GRIFFIN, JASON T., CA
[72] HAMILTON, ALISTAIR R., CA
[72] PAYNE, ROBERT D., CA
[72] BOCKING, ANDREW D., CA
[72] RYDENHAG, DANIEL T., SE
[72] BENEDEK, JOSEPH E., CA
[72] DODGE, DANNY T., CA
[73] BLACKBERRY LIMITED, CA
[73] 2236008 ONTARIO INC., CA
[86] (2820993)
[87] (2820993)
[22] 2013-07-16
[30] US (61/678,388) 2012-08-01
[30] US (13/706,782) 2012-12-06

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[51] **Int.Cl. F23D 14/36 (2006.01) F23D 14/64 (2006.01)**
[25] EN
[54] **MIXTURE SUPPLY SYSTEM FOR A HOT WATER APPLIANCE, A HOT WATER APPLIANCE COMPRISING SUCH A MIXTURE SUPPLY SYSTEM AND A METHOD FOR MIXING A FUEL AND AN OXIDIZER**
[54] **SYSTEME D'ALIMENTATION DE MELANGE DESTINE A UN APPAREIL A EAU CHAUDE, APPAREIL A EAU CHAUDE COMPRENANT UN TEL SYSTEME D'ALIMENTATION DE MELANGE ET PROCEDE DE MELANGE D'UN COMBUSTIBLE ET D'UN OXYDANT**
[72] COOL, PETER JAN, NL
[73] INTERGAS HEATING ASSETS B.V., NL
[85] 2013-06-17
[86] 2011-12-19 (PCT/NL2011/050860)
[87] (WO2012/081984)
[30] NL (2005880) 2010-12-17

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[51] **Int.Cl. B29C 70/44 (2006.01) B29D 99/00 (2010.01) B29C 70/86 (2006.01) B64C 1/06 (2006.01)**
[25] EN
[54] **COMPOSITE STRUCTURES HAVING INTEGRATED STIFFENERS WITH SMOOTH RUNOUTS AND METHOD OF MAKING THE SAME**
[54] **STRUCTURES COMPOSITES DOTEES DE RAIDISSEURS INTEGRES A DEVERS REGULIERS ET LEUR PROCEDE DE FABRICATION**
[72] POOK, DAVID A., AU
[72] LOCKETT, PETER J., AU
[72] GLYNN, ANDREW, AU
[73] THE BOEING COMPANY, US
[85] 2013-06-20
[86] 2011-12-07 (PCT/US2011/063658)
[87] (WO2012/102789)
[30] US (13/012,162) 2011-01-24

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[25] EN
[54] **BROADCAST SERVICE TRANSMITTING METHOD, BROADCASTING SERVICE RECEIVING METHOD AND BROADCAST SERVICE RECEIVING APPARATUS**
[54] **PROCEDE DE TRANSMISSION DE SERVICE AUDIOVISUEL, PROCEDE DE RECEPTION DE SERVICE AUDIOVISUEL ET APPAREIL DE RECEPTION DE SERVICE AUDIOVISUEL**
[72] KIM, SANGHYUN, KR
[72] LEE, JOONHUI, KR
[72] KIM, JINPIL, KR
[72] SUH, JONGYEUL, KR
[72] KIM, KWANSUK, KR
[72] SEO, DONGWAN, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-06-25
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[87] (WO2012/091322)
[30] US (61/427,200) 2010-12-26

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[25] EN
[54] **LOW TORQUE AND VACUUM SEED METER**
[54] **DOSEUR DE GRAINES SOUS VIDE A FAIBLE COUPLE**
[72] ADAMS, BRIAN T., US
[72] WENDTE, KEITH W., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2824407)
[87] (2824407)
[22] 2013-08-22
[30] US (13/732,691) 2013-01-02

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[51] **Int.Cl. G02B 6/36 (2006.01) H04B 10/27 (2013.01) G02B 6/44 (2006.01)**
[25] EN
[54] **A FIBER OPTIC DROP CABLE ASSEMBLY**
[54] **ENSEMBLE CABLE DE DARIVATION A FIBRE OPTIQUE**
[72] ALEJOS VAZQUEZ, ROBERTO C., MX
[72] MCDONALD, ALVIN J., US
[72] TRAN, HIEU V., US
[73] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2013-07-23
[86] 2012-01-25 (PCT/US2012/022459)
[87] (WO2012/103162)
[30] AU (2011100108) 2011-01-25

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **TREATMENT OF OSTEOARTHRITIS AND PAIN**
[54] **TRAITEMENT DE L'ARTHROSE ET DE LA DOULEUR**
[72] KAMATH, RAJESH V., US
[73] ABBVIE INC., US
[85] 2013-08-02
[86] 2012-02-08 (PCT/US2012/024356)
[87] (WO2012/109373)
[30] US (61/440,853) 2011-02-08

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[13] C
[51] **Int.Cl. E21B 7/04 (2006.01) E21B 7/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE BENT HOUSING FOR DIRECTIONAL DRILL STRING**
[54] **BOITIER COUDE REGLABLE POUR TRAIN DE TIGES DIRECTIONNEL**
[72] ROBERTS, PAUL DONALD, US
[72] LAGRANGE, TIMOTHY EDWARD, US
[73] ROBERTS, PAUL DONALD, US
[73] LAGRANGE, TIMOTHY EDWARD, US
[86] (2827174)
[87] (2827174)
[22] 2013-09-17
[30] US (61/958,514) 2013-07-30

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[51] **Int.Cl. B60W 10/103 (2012.01) B60K 20/02 (2006.01) B60W 20/00 (2016.01)**
[25] EN
[54] **MODULATION CONTROL SYSTEM AND METHOD FOR A HYBRID TRANSMISSION**
[54] **PROCEDE ET SYSTEME DE COMMANDE DE MODULATION POUR UNE TRANSMISSION HYBRIDE**
[72] LONG, CHARLES F., US
[72] TAYLOR, CHARLES T., US
[73] ALLISON TRANSMISSION, INC., US
[85] 2013-08-16
[86] 2012-02-16 (PCT/US2012/025457)
[87] (WO2012/112782)
[30] US (61/443,750) 2011-02-17

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[13] C
[51] **Int.Cl. F16K 47/02 (2006.01) F16K 3/02 (2006.01) F16K 3/30 (2006.01)**
[25] EN
[54] **TOOTHED GATE VALVE SEAT**
[54] **SIEGE DE VANNE DENTEE**
[72] KAEGI, ULRICH, CH
[73] CONTROL COMPONENTS, INC., US
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[54] **HIGH EFFICIENCY EXTERNAL AIRBAG FOR CRASH ATTENUATION**
[54] **COUSSIN DE SECURITE GONFLABLE EXTERNE DE HAUTE EFFICACITE POUR L'ATTENUATION D'UN ECRASEMENT**
[72] HILL, ANDREW T., US
[72] LU, ZI, US
[72] LYNDS, ROBERT S., US
[72] HANSEN, ANDREW R., US
[73] BELL HELICOPTER TEXTRON INC., US
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[54] **VIRTUAL POWER STATION**
[54] **CENTRALE ELECTRIQUE VIRTUELLE**
[72] CARVER, ANDREW JOHN, GB
[72] WARREN, JOSEPH DANIEL, GB
[72] BLOOR, KATIE, GB
[73] RESPONSIVELOAD LIMITED, GB
[85] 2013-08-22
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[25] EN
[54] **PHOTOCHROMIC CHROMENE COMPOUNDS AND USE FOR PHOTOCHROMIC SPECTACLE LENS THEREOF**
[54] **COMPOSES CHROMENES PHOTOCHROMIQUES ET UTILISATION DE VERRES DE LUNETTES PHOTOCHROMIQUES FAITS DESDITS COMPOSES**
[72] TAKENAKA, JUNJI, JP
[72] MOMODA, JUNJI, JP
[72] TERANISHI, KAZUHIRO, JP
[72] TAKAHASHI, TOSHIAKI, JP
[72] SANDO, MITSUYOSHI, JP
[72] IZUMI, SHINOBU, JP
[73] TOKUYAMA CORPORATION, JP
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[25] EN
[54] **LIGHT-EMITTING WAND WITH ELECTRICALLY-CONDUCTIVE HEAT SINKS**
[54] **DISSIPATEURS THERMIQUES ELECTROCONDUCTEURS A BAGUETTE ELECTROLUMINESCENTE**
[72] DUFFY, ROBERT F., US
[73] SCHOTT CORPORATION, US
[85] 2013-09-04
[86] 2012-03-08 (PCT/US2012/028331)
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[54] **BOOST CONVERTER OF DRIVER CIRCUIT WITH THERMAL COMPENSATION**
[54] **CONVERTISSEUR ELEVATEUR DE CIRCUIT PILOTE A COMPENSATION THERMIQUE**
[72] NERONE, LOUIS ROBERT, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **PRODUCTION OF ISOPRENOID IN RECOMBINANT YEAST**
[54] **PRODUCTION D'ISOPRENOIDE DANS UNE LEVURE RECOMBINANTE**
[72] MILLIS, JAMES R., US
[72] SAUCY, GABRIEL G., US
[72] MAURINA-BRUNKER, JULIE, US
[72] MCMULLIN, THOMAS W., US
[73] DVC, INC. D/B/A BIO-TECHNICAL RESOURCES, US
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[54] **METHOD FOR PREVENTION OF MYOPIA ONSET AND PROGRESSION**
[54] **PROCEDE DE PREVENTION DE L'APPARITION ET DE LA PROGRESSION DE LA MYOPIE**
[72] NEROEV, VLADIMIR VLADIMIROVICH, RU
[72] TARUTTA, ELENA PETROVNA, RU
[72] TARASOVA, NATALYA ALEKSEEVNA, RU
[72] SHAKHRAY, SERGEY MIKHAILOVICH, RU
[73] FEDERALNOE GOSUDARSTVENNOE BJUDZHETNOE UCHREZHDENIE "MOSKOVSKIY NAUCHNO-ISSLEDOVATELSKIY INSTITUTE GLAZNYH BOLEZNEY IMENI GELMGOLCA" MINISTERSTVA ZDRAVOOHRANENIYA I SOCIALNOGO RAZVITIYA ROSSIYSKOY FEDERACII, RU
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[25] EN
[54] **ENVIRONMENT-FRIENDLY NATURAL-LIKE ARTIFICIAL STONE CONTAINING FLY ASH AND THE METHOD FOR PRODUCING THE ARTIFICIAL STONE**
[54] **PIERRE ARTIFICIELLE PSEUDO-NATURELLE ECOLOGIQUE DE CENDRE DE CHARBON, ET PROCEDE POUR SA PRODUCTION**
[72] CHEN, GUOMAI, CN
[72] CHEN, MAIHUA, CN
[72] XIA, YI, CN
[72] YOU, JIYE, CN
[72] ZHOU, RENDAO, CN
[72] ZENG, LIANG, CN
[73] SHANGHAI APE STONE CO., LTD., CN
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[54] **DISTRIBUTED AVIONICS SYSTEM AND METHOD FOR BACKUP HANDLING IN AN AVIONICS SYSTEM**
[54] **SYSTEME AVIONIQUE REPARTI ET PROCEDE DE SAUVEGARDE DE MANIPULATION DANS UN SYSTEME AVIONIQUE**
[72] DANIELSSON, TORKEL, SE
[72] HAKEGARD, JAN, SE
[72] GRIPSBORN, ANDERS, SE
[73] SAAB AB, SE
[85] 2013-11-14
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[25] EN
[54] **OPTICAL METHOD AND APPARATUS FOR DETERMINING A CHARACTERISTIC SUCH AS VOLUME AND DENSITY OF AN EXCAVATED VOID IN A CONSTRUCTION MATERIAL**
[54] **PROCEDE ET APPAREIL OPTIQUES POUR DETERMINER UNE CARACTERISTIQUE TELLE QU'UN VOLUME ET UNE DENSITE D'UN VIDE EXCAVE DANS UN MATERIAU DE CONSTRUCTION**
[72] TROXLER, ROBERT ERNEST, US
[73] TROXLER ELECTRONIC LABORATORIES, INC., US
[85] 2013-11-19
[86] 2012-06-06 (PCT/US2012/041163)
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[54] **PNEUMATIC SYSTEM FOR CONTROLLING ALUMINUM BATH CRUST BREAKER**
[54] **SYSTEME PNEUMATIQUE POUR LA COMMANDE D'UN MARTEAU-PIQUEUR DE BAIN D'ALUMINIUM**
[72] BEAULIEU, GILLES, CA
[73] MAC VALVES, INC., US
[85] 2013-11-28
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[54] **DRAIN ASSEMBLY FOR A BATHTUB AND THE LIKE**
[54] **ENSEMBLE D'EVACUATION POUR BAIGNOIRE ET ELEMENTS SIMILAIRES**
[72] BALL, WILLIAM T., US
[72] PILARCZYK, ERIC., US
[73] WCM INDUSTRIES, INC., US
[86] (2838212)
[87] (2838212)
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[25] EN
[54] **FLOOR MAT SYSTEM AND ASSOCIATED, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING AND IMPROVING HEALTH AND PRODUCTIVITY OF EMPLOYEES**
[54] **SYSTEME DE TAPIS DE PLANCHER ET SUPPORT INFORMATIQUE ET PROCEDES MIS EN OEUVRE PAR ORDINATEUR ASSOCIES POUR SURVEILLER ET AMELIORER LA SANTE ET LA PRODUCTIVITE D'EMPLOYES**
[72] HORSEMAN, SAMANTHA J., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2013-12-30
[86] 2012-07-03 (PCT/US2012/045414)
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[51] **Int.Cl. B65D 47/18 (2006.01) A61F 9/00 (2006.01)**
[25] EN
[54] **INSERT FOR A DROP DISPENSING TUBE SPOUT**
[54] **INSERT POUR UN ORIFICE DE TUBE DE DISTRIBUTION DE GOUTTES**
[72] GEIGER, ANDREAS, CH
[72] KUBESCH, CHRISTIAN, CH
[72] MATHYS, JAN, CH
[73] HOFFMANN NEOPAC AG, CH
[85] 2014-01-07
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[25] EN
[54] **DISPENSER USE MONITOR**
[54] **DISPOSITIF DE SURVEILLANCE D'UTILISATION DE DISTRIBUTEUR**
[72] WEGELIN, JACKSON W., US
[72] ARCHER, MATTHEW J., US
[72] CIAVARELLA, NICK E., US
[72] GANNON, DEIRDRE, US
[73] GOJO INDUSTRIES, INC., US
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[25] EN
[54] **ELECTROLYTIC CELL USING PASSIVE WATER FEED VIA CAPILLARY ACTION OF THE MEMBRANE**
[54] **PILE ELECTROLYTIQUE EMPLOYANT UNE ALIMENTATION D'EAU PASSIVE PAR ACTION CAPILLAIRE DE LA MEMBRANE**
[72] JEHLE, WALTER, DE
[72] LUCAS, JOACHIM, DE
[72] RAATSCHEN, WILLIGERT, DE
[73] AIRBUS DEFENCE AND SPACE GMBH, DE
[86] (2842016)
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[25] EN
[54] **TERMINAL, BASE STATION, COMMUNICATIONS SYSTEM, AND COMMUNICATION METHOD**
[54] **TERMINAL, STATION DE BASE, SYSTEME DE COMMUNICATION ET PROCEDE DE COMMUNICATION**
[72] NOGAMI, TOSHIZO, JP
[72] SUZUKI, SHOICHI, JP
[72] AIBA, TATSUSHI, JP
[72] NAKASHIMA, DAIICHIRO, JP
[72] UEMURA, KATSUNARI, JP
[72] SHIMEZAWA, KAZUYUKI, JP
[72] IMAMURA, KIMIHIKO, JP
[73] SHARP KABUSHIKI KAISHA, JP
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[54] **DOWNHOLE TOOL ASSEMBLY WITH DEBRIS RELIEF, AND METHOD FOR USING SAME**
[54] **OUTILLAGE DE FOND AVEC SECURITE POUR DEBRIS, ET METHODE D'UTILISATION**
[72] GETZLAF, DONALD, CA
[72] NIPPER, ROBERT, US
[72] STROMQUIST, MARTY, CA
[73] NCS MULTISTAGE INC., CA
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[54] **HOOD MOUNT ASSEMBLY**
[54] **ENSEMBLE DE MONTAGE DE CAPOT**
[72] MILLER, KYLE T., US
[72] KEIL, CASEY W., US
[72] FANNING, MICHAEL J., US
[72] BAKER, STEPHEN L., US
[73] PACCAR INC, US
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[25] EN
[54] **MEDICAL COMPOSITION COMPRISING STAUNTONIA HEXAPHYLLA EXTRACT**
[54] **COMPOSITION MEDICALE CONTENANT UN EXTRAIT DE STAUNTONIA HEXAPHYLLA**
[72] CHOI, CHUL YUNG, KR
[72] PAN, SANG O., KR
[72] SEOL, HEE JIN, KR
[72] LEE, GYU OK, KR
[72] PARK, KA HYON, KR
[72] KIM, HEE SOOK, KR
[72] JANG, WOOK JIN, KR
[72] KIM, HYUN, KR
[72] LEE, DONG WOOK, KR
[72] KIM, SUN OH, KR
[72] KIM, JAE GAP, KR
[73] JEONNAM BIOINDUSTRY FOUNDATION, KR
[73] YUNGJIN PHARMACEUTICAL CO., LTD., KR
[85] 2014-02-17
[86] 2012-05-16 (PCT/KR2012/003867)
[87] (WO2013/024960)
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[54] **AUTOMATED DISPENSING OF TRAVEL PATH APPLICANTS**
[54] **DISTRIBUTION AUTOMATIQUE DE DEMANDEURS DE TRAJET DE DEPLACEMENT**
[72] KADABA, NAGESH, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2014-02-19
[86] 2012-04-17 (PCT/US2012/033888)
[87] (WO2013/066394)
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[51] **Int.Cl. A61L 2/18 (2006.01) B05B 9/04 (2006.01) B05B 9/08 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **STERILANT SYSTEM WITH MULTI-COMPARTMENT DISPENSER**
[54] **SYSTEME STERILISANT DOTE D'UN DISTRIBUTEUR MULTICOMPARTIMENTE**
[72] TURNER, JEREMY, NZ
[73] TRISTEL PLC, GB
[85] 2014-02-21
[86] 2012-09-03 (PCT/GB2012/052154)
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[54] **INTEGRATED PRIVATE BRANCH EXCHANGE AND DEVICE CONTROL SYSTEM**
[54] **AUTOCOMMUTATEUR PRIVE INTEGRE ET SYSTEME DE COMMANDE DE DISPOSITIF**
[72] ORELLANA, ALEJANDRO, US
[72] SILVA, MICHAEL C., US
[72] ZHOU, YUE, US
[72] LOCASCIO, TIMOTHY R., US
[73] SAVANT SYSTEMS, LLC, US
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[25] EN
[54] **ANNATTO EXTRACT COMPOSITIONS, INCLUDING GERANYL GERANIOLS AND METHODS OF USE**
[54] **COMPOSITIONS D'EXTRAIT DE ROCOU CONTENANT DES GERANYLGERANIOLS ET MODES D'UTILISATION**
[72] TAN, BARRIE, US
[73] TAN, BARRIE, US
[86] (2847543)
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[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING A COFFEE PREPARATION**
[54] **PROCEDE ET DISPOSITIF POUR LA CONFECTION D'UNE PREPARATION A BASE DE CAFE**
[72] FISCHER, DANIEL, CH
[73] EUGSTER / FRISMAG AG, CH
[85] 2014-03-06
[86] 2012-07-05 (PCT/EP2012/063193)
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[25] EN
[54] **METHODS FOR PREDICTING A SPEED BRAKE SYSTEM FAULT**
[54] **PROCEDES POUR PREDIRE LA DEFAILLANCE D'UN SYSTEME D'AEROFREIN**
[72] CATT, CHRISTOPHER JOSEPH, GB
[72] HOWARD, JULIA ANN, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
[86] (2848110)
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[22] 2014-04-03
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[51] **Int.Cl. G01S 13/89 (2006.01)**
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[54] **DEVICE AND METHOD FOR 3D SAMPLING WITH AVIAN RADAR**
[54] **DISPOSITIF ET PROCEDE D'ECHANTILLONNAGE 3D AVEC RADAR AVIAIRE**
[72] NOHARA, TIMOTHY J., CA
[72] WEBER, PETER T., CA
[72] UKRAINEC, ANDREW M., CA
[72] PREMJI, AL-NASIR, CA
[72] JONES, GRAEME S., CA
[72] COSTA, NELSON, CA
[72] BEASON, ROBERT C., US
[73] ACCIPITER RADAR TECHNOLOGIES, INC., CA
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[25] EN
[54] **AN APPARATUS FOR DECODING VIDEO DATA USING LUMA AND CHROMA INTRA PREDICTION MODES**
[54] **UN APPAREIL DE DECODAGE DE DONNEES VIDEO EMPLOYANT LA PREDICTION INTRA LUMA ET INTRA CHROMA**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[73] INFOBRIDGE PTE. LTD., SG
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[30] KR (10-2011-0114610) 2011-11-04

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[25] EN
[54] **ANIMAL DIGESTS HAVING ENHANCED PALATABILITY FOR USE IN PET FOOD**
[54] **HYDROLYSATS ANIMAUX PRESENTANT UNE MEILLEURE APPETIBILITE UTILISES DANS DES ALIMENTS POUR ANIMAUX**
[72] DE RATULD, AURELIE, FR
[73] SPECIALITES PET FOOD, FR
[85] 2014-03-31
[86] 2012-10-03 (PCT/EP2012/069515)
[87] (WO2013/050406)
[30] EP (11306275.6) 2011-10-03
[30] US (61/542,429) 2011-10-03
[30] EP (12153643.7) 2012-02-02
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[25] EN
[54] **LOW VOLTAGE POWER RECEPTACLE FOR MODULAR ELECTRICAL SYSTEMS**
[54] **PRISE D'ALIMENTATION ELECTRIQUE POUR SYSTEMES ELECTRIQUES MODULAIRES**
[72] BYRNE, NORMAN R., US
[72] BURDI, ROGER D., US
[72] PATE, RANDELL E., US
[72] CASTIGLIONE, JOSEPH, US
[73] BYRNE, NORMAN R., US
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[54] **SYSTEMS AND METHODS FOR SUBSURFACE OIL RECOVERY OPTIMIZATION**
[54] **SYSTEMES ET PROCEDES D'OPTIMISATION DE RECUPERATION DE PETROLE SOUS LA SURFACE**
[72] PRIYESH, RANJAN, US
[72] SHELDON, BURT GORELL, US
[72] KUMAR, AMIT, US
[72] CULLICK, ALVIN STANLEY, US
[72] CARVAJAL, GUSTAVO A., US
[72] URRUTIA, KARELIS ALEJANDRA, US
[72] KHAN, HASNAIN, US
[72] SAPUTELLI, LUIGI, US
[72] NASR, HATEM, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **SECURING AN AIR CONDITIONING UNIT TO A BUILDING BY APPLYING FORCE TO AN INTERIOR AND AN EXTERIOR SURFACE OF THE BUILDING**
[54] **FIXATION D'UNE UNITE DE CLIMATISATION A UN BATIMENT PAR L'APPLICATION D'UNE FORCE A UNE SURFACE INTERIEURE ET A UNE SURFACE EXTERIEURE DU BATIMENT**
[72] DARBY, JASON, US
[72] MANN, JIM, US
[73] NATION WIDE PRODUCTS, INC., US
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[54] **POOL CLEANER WITH DETACHABLE SCRUBBER ASSEMBLY**
[54] **APPAREIL DE NETTOYAGE DE PISCINE DOTE D'UN ENSEMBLE LAVEUR DETACHABLE**
[72] GOPALAN, SURESH, US
[72] AGARWAL, NITIN, IN
[72] KALADHARAN, JAYAMURALI, IN
[73] PENTAIR WATER POOL AND SPA, INC., US
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[54] **POOL CLEANER WITH MULTI-STAGE VENTURI VACUUM ASSEMBLY**
[54] **NETTOYEUR DE BASSIN MUNI D'ENSEMBLE A VIDE A VENTURI A ETAGES MULTIPLES**
[72] GOPALAN, SURESH, US
[72] AGARWAL, NITIN, IN
[72] KALADHARAN, JAYAMURALI, IN
[73] PENTAIR WATER POOL AND SPA, INC., US
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[54] **THIN BRICK PANEL ASSEMBLY SYSTEM**
[54] **SYSTEME D'ASSEMBLAGE DE PANNEAU DE BRIQUE MINCE**
[72] YANG, JISONG, CA
[73] YANG, JISONG, CA
[86] (2851108)
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[54] **MACHINE DE CONDITIONNEMENT DE MEDICAMENTS**
[72] OMURA, YOSHIHITO, JP
[72] OHGAYA, SYUNJI, JP
[73] TOSHO, INC., JP
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[54] **PILE SECONDAIRE AU LITHIUM DE HAUTE CAPACITE ET A VITESSE DE CHARGE ET DE DECHARGE ELEVEE**
[72] GOZDZ, ANTONI S., US
[72] CHU, ANDREW C., US
[72] CHIANG, YET-MING, US
[72] RILEY, GILBERT N., JR, US
[73] A123 SYSTEMS LLC, US
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[54] **PROCEDES ET SYSTEMES DE TRAITEMENT DE DONNEES D'IMAGE**
[72] FISHER, MATTHEW, US
[73] LUMINEX CORPORATION, US
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[54] **CONNEXION ENFICHABLE**
[72] BLAKBORN, WILLEM, DE
[72] LODDING, THOMAS, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **ROTATING CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE ROTATIF**
[72] HOYER, CAREL W., GB
[72] HANNEGAN, DON M., US
[72] BAILEY, THOMAS F., US
[72] JACOBS, MELVIN T., US
[72] WHITE, NICKY A., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **SYSTEMS AND METHODS FOR DETERMINING SPEED CONTROL MANAGEMENT SETTINGS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER LES REGLAGES DE GESTION DE COMMANDE DE VITESSE**
[72] JOHNSON, ERIK S., US
[72] HAMPSON, RICHARD, US
[72] SLATON, ZACHARY, US
[73] PACCAR INC, US
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[54] **DISPOSITIF D'ACCOUPLEMENT**
[72] HOFMANN, KLAUS, DE
[72] HEISINGER, DENNIS, DE
[72] KOCH, MATTHIAS, DE
[72] NYGA, KAROL, PL
[73] SIEMAG TECBERG GMBH, DE
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[54] **OUTIL DE COUPE DE FOND DE TROU**
[72] SILVA, ROGER H., US
[73] NATIONAL OILWELL DHT, L.P., US
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[54] **METHOD AND SYSTEM FOR HANDLING OF GROUP SHARING IN A DISTRIBUTED OR CLOUD DATA STORAGE ENVIRONMENT**
[54] **METHODE ET SYSTEME DE TRAITEMENT DE PARTAGE DE GROUPE DANS UN ENVIRONNEMENT DE STOCKAGE DE DONNEES DISTRIBUE OU NUAGIQUE**
[72] SZEBENI, SZILVESZTER, HU
[72] BUTTYAN, LEVENTE, HU
[72] LAM, ISTVAN, HU
[73] TRESORIT KFT., HU
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[54] **AQUACULTURE PUMP SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE POMPE POUR CULTURE HYDROPONIQUE**
[72] STILES, ROBERT W., JR., US
[72] DELONG, DENNIS P., US
[73] PENTAIR WATER POOL AND SPA, INC., US
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[54] **METHOD FOR CONDITIONING A POWER-GENERATING CIRCULATORY SYSTEM OF A POWER PLANT**
[54] **PROCEDE DE CONDITIONNEMENT D'UN SYSTEME DE CIRCUIT DE GENERATION D'ENERGIE D'UNE CENTRALE NUCLEAIRE**
[72] RAMMINGER, UTE, DE
[72] FANDRICH, JORG, DE
[72] ROUMIGUIERE, FERNANDO-MARIO, DE
[73] AREVA GMBH, DE
[85] 2014-07-17
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[54] **FLUIDES EXOTHERMIQUES ET NON ACIDES DE STIMULATION DU GRES**
[72] AL-DAHLAN, MOHAMMED NASSER, SA
[72] AL-HARITH, ABDULLAH MOHAMMED, SA
[72] AL-NAKHLI, AYMAN RAJA, SA
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[54] **DOUBLURE DE CONDUIT UNIVERSELLE POUR UN CHALUMEAU SOUDEUR**
[72] KINDER, DAVID ALLEN, US
[72] YOUNG, BRYAN, US
[72] STUART, KYLE, US
[73] VICTOR EQUIPMENT COMPANY, US
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[54] **SYSTEMS AND METHODS REGISTRATION AND MAINTENANCE OF WIRELESS CLIENTS VIA A PROXY WIRELESS NETWORK SERVICE**
[54] **TERMINAL MULTIRESEAU UTILISANT UN RESEAU ECONOME EN ENERGIE POUR ETABLIR ET MAINTENIR UNE CONNEXION DE DONNEES DANS UN RESEAU MOINS EFFICACE**
[72] ERICSON, DANIEL W., US
[72] HENGEVELD, THOMAS A., US
[73] HARRIS CORPORATION, US
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[54] **CUTTING INSERT HAVING HOLE ORIENTATION INDICIA AND METHOD FOR MAKING THEREOF**
[54] **PLAQUETTE DE COUPE PRESENTANT DES REPERES D'ORIENTATION DE TROU ET PROCEDE DE FABRICATION DE CETTE PLAQUETTE**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
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[54] **DETERMINING OPTIMAL PARAMETERS FOR A DOWNHOLE OPERATION**
[54] **DETERMINATION DES PARAMETRES OPTIMAUX POUR UNE OPERATION DE FOND**
[72] SAMUEL, ROBELLO, US
[72] GERMAIN, OLIVIER ROGER, US
[72] SINGH, AMIT KUMAR, US
[72] MARLAND, CHRISTOPHER NEIL, US
[72] ADARI, RAM NARESH, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **DRILLING RIG EQUIPMENT PLATFORM**
[54] **PLATEFORME D'EQUIPEMENT D'APPAREIL DE FORAGE**
[72] KRAWCHUK, ALAN, CA
[72] BLYTHMAN, JAY, CA
[72] CHALIFOUX, ROBERT, CA
[72] HOWDLE, DOUG, CA
[72] JACK, DUSTIN, CA
[72] REAY, MURRAY, CA
[72] YUZYK, FRANK, CA
[73] CENOVUS ENERGY INC., CA
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[54] **APPARATUS FOR PROVIDING AN AUDIO SIGNAL FOR REPRODUCTION BY A SOUND TRANSDUCER, SYSTEM, METHOD AND COMPUTER PROGRAM**
[54] **APPAREIL DESTINE A FOURNIR UN SIGNAL AUDIO DEVANT ETRE REPRODUIT PAR UN TRANSDUCTEUR ACOUSTIQUE, SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE**
[72] LESCHKA, FLORIAN, DE
[72] FLEISCHMANN, FELIX, DE
[72] PLOGSTIES, JAN, DE
[72] SILZLE, ANDREAS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **PROPAGATING USER FEEDBACK ON SHARED POSTS**
[54] **PROPAGATION D'UNE RETROACTION D'UTILISATEUR SUR DES MESSAGES POSTES PARTAGES**
[72] ZHENG, LANTIAN, US
[72] WENG, ZHI, US
[73] GOOGLE LLC, US
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[54] **AIRCRAFT CONFIGURATION AND SOFTWARE PART MANAGEMENT USING A CONFIGURATION SOFTWARE PART**
[54] **GESTION DE PIECE LOGICIELLE ET DE CONFIGURATION D'AERONEF AU MOYEN D'UNE PIECE LOGICIELLE DE CONFIGURATION**
[72] ANGUS, IAN GARETH, US
[72] WALKER, OLGA C., US
[73] THE BOEING COMPANY, US
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[54] **METHOD OF GENERATING MICRO AND NANO BUBBLES IN A FLUID**
[54] **PROCEDE DE PRODUCTION DE MICROBULLES ET DE NANOBULLES DANS UN LIQUIDE**
[72] LADOUCEUR, NELS R., CA
[73] LADOUCEUR, NELS R., CA
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[54] **TOOL AND METHOD FOR REPAIRING TUBULAR MEMBERS**
[54] **OUTIL ET PROCEDE DE REPARATION D'ELEMENTS TUBULAIRES**
[72] LANGILLE, RANDY CHARLES, CA
[73] LANGILLE, RANDY CHARLES, CA
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[54] **INTER-RAT COVERAGE DETERMINATION FOR ENERGY SAVING MANAGEMENT**
[54] **DETERMINATION DE COUVERTURE INTER-RAT POUR GESTION D'ECONOMIE D'ENERGIE**
[72] CHOU, JOEY, US
[73] INTEL CORPORATION, US
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[54] **AGENCEMENT DES PLACES ASSISES D'UN SALON POUR PASSAGERS D'AVION**
[72] KROLL, RUSSELL, US
[72] HISATA, SUZUKO, US
[72] GARING, FRANCIS, X., US
[72] POZZI, ALEXANDER, NICHOLAS, US
[72] JOHNSON, GLENN, ALLEN, US
[72] HENSHAW, ROBERT, US
[72] GU, JAEHUN, US
[72] STEPHENS, BENJAMIN D., US
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[25] EN
[54] **COMBINATION THERAPY WITH AN ANTI-HYALURONAN AGENT AND A TUMOR-TARGETED TAXANE**
[54] **POLYTHERAPIE PAR UN AGENT ANTI-HYALURONANE ET UN TAXANE CIBLANT UNE TUMEUR**
[72] MANEVAL, DANIEL C., US
[72] SHEPARD, H. MICHAEL, US
[72] THOMPSON, CURTIS B., US
[73] HALOZYME, INC., US
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[54] **AIRPORT SECURITY CHECK SYSTEM AND METHOD THEREFOR**
[54] **SYSTEME DE VERIFICATION POUR LA SECURITE AEROPORTUAIRE ET PROCEDE ASSOCIE**
[72] GORMLEY, MICHAEL JOHN, US
[72] IRMINGER, RENAUD, CH
[73] SITA INFORMATION NETWORKING COMPUTING IRELAND LIMITED, IE
[85] 2014-10-03
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[54] **PHCH A BASE D'AMIDON**
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[72] GANE, PATRICK A.C., CH
[72] SCHOELKOPF, JOACHIM, CH
[73] OMYA INTERNATIONAL AG, CH
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[25] EN
[54] **CHARGE CONTROLLED PHCH**
[54] **PHCH A CHARGE REGLEE**
[72] GANTENBEIN, DANIEL, CH
[72] GANE, PATRICK A.C., CH
[72] SCHOELKOPF, JOACHIM, CH
[72] LAUFMANN, MAXIMILIAN, CH
[72] ANDERSSON, LARS, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2014-10-16
[86] 2013-04-29 (PCT/EP2013/058937)
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[30] EP (12167683.7) 2012-05-11
[30] US (61/648,639) 2012-05-18

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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 19/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **WELLSITE CONTROL EMPLOYING THREE-DIMENSIONAL IMAGING**
[54] **COMMANDE DE SITE DE FORAGE UTILISANT L'IMAGERIE TRIDIMENSIONNELLE**
[72] ELLIS, BRIAN, US
[72] ANNAIYAPPA, PRADEEP, US
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
[85] 2014-10-16
[86] 2013-04-16 (PCT/US2013/036793)
[87] (WO2013/158652)
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[13] C
[51] **Int.Cl. H01H 9/22 (2006.01) H01R 4/66 (2006.01)**
[25] EN
[54] **ISOLATING GROUND SWITCH**
[54] **SECTIONNEUR DE TERRE**
[72] SKOLOZDRA, STEPHEN A., US
[72] CARROZZO, JOHN K., US
[73] ELECTRIC MOTION COMPANY, INC., US
[86] (2871238)
[87] (2871238)
[22] 2014-11-17
[30] US (61/908,923) 2013-11-26

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[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **ARRANGING FOR SHIPMENT OF A PACKAGE WITHOUT GENERATING A SHIPPING LABEL**
[54] **ORGANISATION DE L'EXPEDITION D'UN COLIS SANS GENERER D'ETIQUETTE D'EXPEDITION**
[72] GILLEN, ROBERT J., US
[72] LEWIS, MARK S., US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2014-10-23
[86] 2013-03-06 (PCT/US2013/029332)
[87] (WO2013/162710)
[30] US (13/456,922) 2012-04-26

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[51] **Int.Cl. G05B 19/05 (2006.01) B64D 41/00 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **CONFIGURABLE INTERFACE CIRCUIT**
[54] **CIRCUIT D'INTERFACE CONFIGURABLE**
[72] SPAH, JURGEN, DE
[73] DIEHL AEROSPACE GMBH, DE
[86] (2874388)
[87] (2874388)
[22] 2014-12-10
[30] DE (102013020803.3) 2013-12-11
[30] DE (102014012660.9) 2014-08-22

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[51] **Int.Cl. H04N 19/44 (2014.01) H04N 19/107 (2014.01) H04N 19/157 (2014.01) H04N 19/172 (2014.01) H04N 19/61 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **RANDOM ACCESS AND SIGNALING OF LONG-TERM REFERENCE PICTURES IN VIDEO CODING**
[54] **ACCES ALEATOIRE ET SIGNALISATION D'IMAGES DE REFERENCE A LONG TERME DANS UN CODAGE VIDEO**
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] WANG, YE-KUI, US
[72] JOSHI, RAJAN LAXMAN, US
[72] CHEN, YING, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-12-03
[86] 2013-06-19 (PCT/US2013/046529)
[87] (WO2014/004201)
[30] US (61/665,862) 2012-06-28
[30] US (61/666,688) 2012-06-29
[30] US (13/784,006) 2013-03-04

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[51] **Int.Cl. E21B 43/08 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **HIGH-RATE INJECTION SCREEN ASSEMBLY WITH CHECKABLE PORTS**
[54] **ENSEMBLE FILTRE A HAUT DEBIT D'INJECTION MUNI DE PORTS CONTROLABLES**
[72] HALL, CHRISTOPHER A., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2876278)
[87] (2876278)
[22] 2015-01-02
[30] US (61/923,419) 2014-01-03

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[51] **Int.Cl. E21B 47/007 (2012.01) E21B 47/005 (2012.01)**
[25] EN
[54] **ULTRASONIC LOGGING METHODS AND APPARATUS FOR MEASURING CEMENT AND CASING PROPERTIES USING ACOUSTIC ECHOES**
[54] **PROCEDES DE DIAGRAPHIE ULTRASONIQUE ET APPAREIL DE MESURE DES PROPRIETES DU CIMENT ET DU TUBAGE EN UTILISANT DES ECHOS ACOUSTIQUES**
[72] TELLO, LUCIO N., US
[72] ROBERTS, EDWIN K., US
[72] BLANKINSHIP, THOMAS J., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2877248)
[87] (2877248)
[22] 2015-01-08
[30] US (14/153,174) 2014-01-13

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[13] C
[51] **Int.Cl. A61J 1/14 (2006.01) A61J 1/10 (2006.01)**
[25] EN
[54] **INTEGRATED MEDICINE MIXING INTERFACE**
[54] **INTERFACE DE MELANGE DE MEDICAMENT INTEGREE**
[72] QIU, YU, CN
[72] LI, KE, CN
[72] YUAN, YUAN, CN
[72] LI, HONGYU, CN
[72] ZHOU, BING, CN
[72] ZHAO, LIUYING, CN
[73] CHONGQING LUMMY PHARMACEUTICAL CO., LTD., CN
[85] 2014-12-22
[86] 2012-08-02 (PCT/CN2012/079560)
[87] (WO2013/067836)
[30] CN (201110357048.4) 2011-11-11
[30] CN (201220173737.X) 2012-04-23

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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/42 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **VIDEO PARAMETER SET FOR HEVC AND EXTENSIONS**
[54] **ENSEMBLE DE PARAMETRES VIDEO POUR HEVC ET EXTENSIONS**
[72] CHEN, YING, US
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-12-10
[86] 2013-07-02 (PCT/US2013/049121)
[87] (WO2014/008286)
[30] US (61/667,387) 2012-07-02
[30] US (61/669,587) 2012-07-09
[30] US (61/798,135) 2013-03-15
[30] US (13/932,909) 2013-07-01

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[13] C
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **METHODS FOR QUALITY-AWARE ADAPTIVE STREAMING OVER HYPERTEXT TRANSFER PROTOCOL**
[54] **PROCEDES DE DIFFUSION EN CONTINU ADAPTATIVE BASEE SUR LA QUALITE PAR PROTOCOLE DE TRANSFERT HYPERTEXTE**
[72] OYMAN, OZGUR, US
[72] LIAO, YITING, US
[72] FOERSTER, JEFFREY, US
[73] INTEL CORPORATION, US
[85] 2015-01-02
[86] 2013-06-24 (PCT/US2013/047277)
[87] (WO2014/022017)
[30] US (61/679,627) 2012-08-03
[30] US (13/711,316) 2012-12-11

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0476 (2006.01) A61B 5/0484 (2006.01) A61B 5/0496 (2006.01)**
[25] EN
[54] **SIGNAL DATA EXTRACTION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL POUR UNE EXTRACTION DE DONNEES DE SIGNAL**
[72] COX, LAURIE A., US
[73] DIOPSYS, INC., US
[85] 2015-01-12
[86] 2013-07-22 (PCT/US2013/051530)
[87] (WO2014/015345)
[30] US (61/674,052) 2012-07-20

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[13] C
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC SMOKING DEVICE**
[54] **DISPOSITIF ELECTRONIQUE POUR FUMER**
[72] LORD, CHRISTOPHER, GB
[73] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2015-01-12
[86] 2013-07-15 (PCT/EP2013/064953)
[87] (WO2014/012907)
[30] GB (1212608.2) 2012-07-16

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[51] **Int.Cl. F16K 15/20 (2006.01) B60C 29/00 (2006.01) B60C 23/00 (2006.01)**
[25] EN
[54] **VALVE ASSEMBLIES AND METHODS OF INFLATING OR DEFLATING A TYRE**
[54] **ENSEMBLE VALVE ET PROCEDES DE GONFLAGE ET DE DEGONFLAGE D'UN PNEUMATIQUE**
[72] SIDDERS, JASON M., US
[72] RACINE, LLOYD G., US
[73] DANA HEAVY VEHICLE SYSTEMS GROUP, LLC, US
[85] 2015-01-13
[86] 2013-07-10 (PCT/US2013/049915)
[87] (WO2014/028142)
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[13] C
[51] **Int.Cl. E21B 43/04 (2006.01)**
[25] EN
[54] **LEAK-OFF ASSEMBLY FOR GRAVEL PACK SYSTEM**
[54] **ENSEMBLE PERMEABLE POUR SYSTEME DE FILTRE A GRAVIER**
[72] SLADIC, JOHN S., US
[72] MCNAMEE, STEPHEN, US
[72] REID, STEPHEN, GB
[72] MCGEOCH, ANDREW, GB
[72] MANNING, MATTHEW, GB
[72] PURKIS, DANIEL GEORGE, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2879153)
[87] (2879153)
[22] 2015-01-21
[30] GB (1401066.4) 2014-01-22
[30] US (62/045,326) 2014-09-03
[30] US (62/045,329) 2014-09-03

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[13] C
[51] **Int.Cl. C03B 35/18 (2006.01)**
[25] EN
[54] **INCLINED ROLLER CONVEYING ASSEMBLY FOR HOT FORMED GLASS SHEETS**
[54] **ENSEMBLE TRANSPORT A ROULEAU INCLINE POUR FEUILLES DE VERRE FORMEES A CHAUD**
[72] WALKER, RUSSELL A., US
[73] GLASSTECH, INC., US
[85] 2015-01-22
[86] 2013-07-18 (PCT/US2013/050988)
[87] (WO2014/035560)
[30] US (13/598,676) 2012-08-30

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[13] C
[51] **Int.Cl. A61K 31/473 (2006.01) A61K 9/22 (2006.01) A61K 9/48 (2006.01) A61K 47/02 (2006.01) A61K 47/12 (2006.01) A61K 47/38 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS CONTAINING IPIDACRINE AND THEIR USE FOR THE TREATMENT OF DISORDERS OF POTENCY AND DISORDERS OF OTHER FORMS OF SEXUAL ACTIVITY**
[54] **FORMULATIONS PHARMACEUTIQUES CONTENANT DE L'IPIDACRINE ET LEUR UTILISATION DANS LE TRAITEMENT DES TROUBLES D'IMPUISSANCE ET DES TROUBLES INHERENTS A D'AUTRES FORMES D'ACTIVITE SEXUELLE**
[72] BYKOV, VLADIMIR NIKOLAEVICH, RU
[72] NIKIFOROV, ALEKSANDR SERGEEVICH, RU
[72] KIM, GALINA ALEKSANDROVNA, RU
[73] LIMITED LIABILITY COMPANY "KONSORTSIUM-PIK", RU
[85] 2015-02-13
[86] 2013-08-15 (PCT/RU2013/000707)
[87] (WO2014/031034)
[30] RU (2012135579) 2012-08-20

[11] **2,882,183**
[13] C
[51] **Int.Cl. B64C 13/02 (2006.01) B64C 9/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZING HORIZONTAL TAIL LOADS**
[54] **SYSTEME ET METHODE D'OPTIMISATION DE CHARGES ARRIERE HORIZONTALES**
[72] MAHMULYIN, VEDAD, US
[73] THE BOEING COMPANY, US
[86] (2882183)
[87] (2882183)
[22] 2015-02-17
[30] US (14/278,868) 2014-05-15

[11] **2,883,422**
[13] C
[51] **Int.Cl. A01B 73/02 (2006.01)**
[25] EN
[54] **VARIABLE PLACEMENT HINGE FOR AGRICULTURAL IMPLEMENT TO MAINTAIN CONSTANT WORK ZONE SPACING**
[54] **CHARNIERE A POSITIONNEMENT VARIABLE POUR ACCESSOIRE AGRICOLE VISANT A MAINTENIR UN ESPACEMENT CONSTANT DE LA ZONE DE TRAVAIL**
[72] PRICKEL, MARVIN A., US
[72] CONNORS, MICHAEL J., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2883422)
[87] (2883422)
[22] 2015-02-26
[30] US (14/193,957) 2014-02-28

[11] **2,884,888**
[13] C
[51] **Int.Cl. C09K 8/40 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **SETTABLE SPACER FLUIDS COMPRISING PUMICITE AND METHODS OF USING SUCH FLUIDS IN SUBTERRANEAN FORMATIONS**
[54] **FLUIDES TAMPON DURCISSABLES COMPRENANT DE LA PUMICITE ET PROCEDES D'UTILISATION DE CES FLUIDES DANS DES FORMATIONS SOUTERRAINES**
[72] LENDE, GUNNAR, NO
[72] KARCHER, JEFFREY WAYNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-12
[86] 2013-09-27 (PCT/US2013/062096)
[87] (WO2014/052705)
[30] US (13/630,507) 2012-09-28

[11] **2,885,629**
[13] C
[51] **Int.Cl. B24D 9/00 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **HAND-HELD CONFORMABLE SANDING BLOCK**
[54] **BLOC DE PONCAGE CONFORMABLE PORTATIF**
[72] LIN, BANG FANG, CN
[73] TRADE ASSOCIATES, INC., US
[85] 2015-03-19
[86] 2013-10-02 (PCT/US2013/063098)
[87] (WO2014/055669)
[30] US (61/709,048) 2012-10-02
[30] US (14/044,567) 2013-10-02

[11] **2,886,889**
[13] C
[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **AIR STREAM SELECTOR FOR AN AIR DRILL SEEDING SYSTEM**
[54] **SELECTEUR DE COURANT D'AIR POUR SYSTEME DE SEMIS PNEUMATIQUE**
[72] MEYER, ANDREW THOMAS, CA
[72] HIGGINS, ROBERT JOHN, CA
[72] PRIDMORE, JEFFREY CAMERON, CA
[72] VARJASSY, JUSTIN CHARLES, CA
[73] ONE PASS IMPLEMENTS INC., CA
[85] 2015-03-25
[86] 2013-09-26 (PCT/CA2013/050734)
[87] (WO2014/047735)
[30] US (61/705,962) 2012-09-26

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[13] C
[51] **Int.Cl. G09B 23/28 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **AUTOMATIC INJECTION TRAINING DEVICE**
[54] **DISPOSITIF DE FORMATION EN INJECTION AUTOMATIQUE**
[72] ALEXANDERSSON, OSCAR, SE
[73] CAREBAY EUROPE LTD, MT
[85] 2015-04-08
[86] 2013-10-08 (PCT/EP2013/070878)
[87] (WO2014/056868)
[30] SE (1251149-9) 2012-10-11
[30] US (61/712,299) 2012-10-11

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[13] C
[51] **Int.Cl. G21F 1/00 (2006.01) H01F 1/032 (2006.01)**
[25] EN
[54] **RADIATION SHIELD WITH MAGNETIC PROPERTIES**
[54] **PROTECTEUR DE RAYONNEMENT DOTE DE PROPRIETES MAGNETIQUES**
[72] CULBERTSON, RICHARD V., US
[72] RAGAN, RANDALL M., US
[72] STUPAK, JOSEPH J., JR., US
[73] AMERICAN CERAMIC TECHNOLOGY, INC., US
[86] (2887612)
[87] (2887612)
[22] 2015-04-01
[30] US (61/974,298) 2014-04-02

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[51] **Int.Cl. G06F 3/048 (2013.01) G06F 21/44 (2013.01) G01C 21/34 (2006.01) G01C 21/36 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING TERMINAL**
[54] **TERMINAL DE TRAITEMENT D'INFORMATIONS**
[72] KIMURA, YOUSUKE, JP
[73] DENSO CORPORATION, JP
[85] 2015-04-09
[86] 2013-09-23 (PCT/JP2013/005602)
[87] (WO2014/061203)
[30] JP (2012-231734) 2012-10-19

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[13] C
[51] **Int.Cl. H04L 12/927 (2013.01) H04L 12/24 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **HYBRID RESOURCE MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE RESSOURCES HYBRIDES**
[72] ANSLEY, CAROL J., US
[72] POOLE, ANDREW J.B., US
[73] ARRIS ENTERPRISES LLC, US
[86] (2888091)
[87] (2888091)
[22] 2015-04-16
[30] US (14/259,638) 2014-04-23

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[13] C
[51] **Int.Cl. B64D 47/00 (2006.01) B64C 13/40 (2006.01) B64C 27/64 (2006.01) F15B 19/00 (2006.01) F15B 21/00 (2006.01) G01M 3/04 (2006.01) G01M 3/24 (2006.01)**
[25] EN
[54] **ROTORCRAFT ACTUATOR SEAL LEAKAGE MONITOR**
[54] **MONITEUR DE FUITE DE JOINT D'ACTIONNEUR DE GIRAVION**
[72] LARAMEE, ROBERT MICHAEL, US
[72] FENNY, CARLOS, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2888441)
[87] (2888441)
[22] 2015-04-16
[30] US (14/254,117) 2014-04-16

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[13] C
[51] **Int.Cl. C12N 5/10 (2006.01) A61K 35/12 (2015.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01) C12N 15/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **MAIT-LIKE CELLS AND THEIR PREPARATION METHOD**
[54] **CELLULES DE TYPE MAIT ET LEUR PROCEDE DE PREPARATION**
[72] WAKAO, HIROSHI, JP
[72] FUJITA, HIROYOSHI, JP
[72] KOSHIMIZU, UICHI, JP
[72] YOSHIKIYO, KAZUNORI, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[73] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
[85] 2015-04-22
[86] 2013-10-30 (PCT/JP2013/080359)
[87] (WO2014/069672)
[30] JP (2012-239195) 2012-10-30

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[51] **Int.Cl. A61B 17/12 (2006.01) A61F 2/95 (2013.01) A61B 17/00 (2006.01) A61M 25/00 (2006.01) A61F 2/24 (2006.01)**
[25] EN
[54] **IMPLANTABLE MEDICAL DEVICE DEPLOYMENT SYSTEM**
[54] **SYSTEME DE MISE EN PLACE D'UN DISPOSITIF MEDICAL IMPLANTABLE**
[72] MASTERS, STEVEN J., US
[72] MCDANIEL, THOMAS R., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-04-22
[86] 2013-11-12 (PCT/US2013/069609)
[87] (WO2014/078286)
[30] US (61/727,550) 2012-11-16
[30] US (61/798,500) 2013-03-15
[30] US (14/070,084) 2013-11-01

[11] **2,890,186**
[13] C
[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **ROLLING BLACKOUT ADJUSTABLE COLOR LED ILLUMINATION SOURCE**
[54] **SOURCE D'ECLAIRAGE A DEL COLOREE AJUSTABLE A COUPURES DE COURANT TOURNANTES**
[72] ROBERTS, BRUCE, RICHARD, US
[72] KUENZLER, GLENN, HOWARD, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-05-01
[86] 2013-10-08 (PCT/US2013/063775)
[87] (WO2014/058815)
[30] US (13/649,280) 2012-10-11

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[13] C
[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **SECTIONED METER BOX ASSEMBLY**
[54] **ENSEMBLE BOITE DE DISPOSITIF DOSEUR A SECTIONS**
[72] THOMPSON, DENNIS GEORGE, CA
[72] WRIGHT, JARED STEVEN, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[85] 2015-05-04
[86] 2013-12-03 (PCT/IB2013/060600)
[87] (WO2014/087333)
[30] US (13/707,899) 2012-12-07

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[13] C
[51] **Int.Cl. A01C 7/00 (2006.01)**
[25] EN
[54] **DEPTH ADJUSMENT FOR CONTROLLING PLANTING DEPTH**
[54] **REGLAGE DE PROFONDEUR SERVANT A CONTROLER LA PROFONDEUR DE PLANTATION**
[72] JOHNSON, CHAD M., US
[72] DIENST, JOHNATHON R., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2892200)
[87] (2892200)
[22] 2015-05-22
[30] US (14/295,895) 2014-06-04

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[13] C
[51] **Int.Cl. H01P 3/16 (2006.01) H01P 3/12 (2006.01) H01Q 13/26 (2006.01) H01Q 13/28 (2006.01)**
[25] EN
[54] **SURFACE-WAVE WAVEGUIDE WITH CONDUCTIVE SIDEWALLS AND APPLICATION IN ANTENNAS**
[54] **GUIDE D'ONDE D'ONDE DE SURFACE DOTE DE PAROIS LATERALES CONDUCTRICES ET UTILISATION DANS LE DOMAINE DES ANTENNES**
[72] GREGOIRE, DANIEL J., US
[72] PATEL, AMIT M., US
[73] THE BOEING COMPANY, US
[86] (2892643)
[87] (2892643)
[22] 2015-05-20
[30] US (14/449,853) 2014-08-01

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[13] C
[51] **Int.Cl. G01N 21/53 (2006.01) G01N 21/31 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR QUANTIFICATION OF GASES IN PLUMES BY REMOTE SENSING**
[54] **PROCEDE ET DISPOSITIF POUR QUANTIFICATION DE GAZ DANS DES PANACHES PAR DETECTION A DISTANCE**
[72] HAGER, J. STEWART, US
[72] YEREM, GEOFFREY, US
[73] HAGER ENVIRONMENTAL AND ATMOSPHERIC TECHNOLOGIES, LLC, US
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[25] EN
[54] **METHOD, APPARATUS AND MOBILE COMMUNICATION SYSTEM OF DETERMINING A SET OF ZERO CORRELATION ZONE LENGTHS**
[54] **PROCEDE, APPAREIL ET SYSTEME DE COMMUNICATION MOBILE POUR DETERMINER UN ENSEMBLE DE LONGUEURS DE ZONE DE CORRELATION NULLE**
[72] MAURITZ, OSKAR, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **HEEL-SUSPENDING PROTECTIVE BOOT**
[54] **BOTTE DE PROTECTION A SUSPENSION DE TALON**
[72] DRENNAN, DENIS BURKE, US
[73] DM SYSTEMS, INC., US
[85] 2015-06-04
[86] 2013-12-23 (PCT/US2013/077498)
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[30] US (61/740,503) 2012-12-21
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[54] **SYSTEMS AND METHODS FOR GENERATING SWIRL IN PIPELINES**
[54] **SYSTEME ET METHODE DE PRODUCTION DE TOURBILLON DANS LES PIPELINES**
[72] SAWCHUK, DANIEL A., CA
[73] CANADA PIPELINE ACCESSORIES, CO. LTD., CA
[86] (2895230)
[87] (2895230)
[22] 2015-06-26
[30] US (62/021,300) 2014-07-07
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[25] EN
[54] **A POLYESTER IMIDE COATING COMPOSITION**
[54] **UNE COMPOSITION DE REVETEMENT D'IMIDES DE POLYESTER**
[72] WITT-SANSON, CHRISTELLE, DE
[72] KONDZIOLKA, GRZEGORZ, DE
[72] MASTERS, NIGEL FRANCIS, GB
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **EXERCISE GARMENTS WITH INTEGRATED LEGWARMERS**
[54] **VETEMENTS D'EXERCICE COMPORTANT DES CUISSARDES INTEGREES**
[72] HARRIS, DANIEL, US
[72] DEGEORGE, MARCO, US
[73] COLOR IMAGE APPAREL, INC., US
[85] 2015-06-26
[86] 2015-05-18 (PCT/US2015/031364)
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[25] EN
[54] **ADJUSTABLE SIDE LINER FOR PUMP**
[54] **REVETEMENT INTERIEUR LATERAL AJUSTABLE DESTINE A UNE POMPE**
[72] BURGESS, KEVIN EDWARD, AU
[72] FOREMAN, MICHAEL CHRISTOPHER, AU
[73] WEIR MINERALS AUSTRALIA LTD, AU
[86] (2895960)
[87] (2895960)
[22] 2009-06-12
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[30] AU (2008903030) 2008-06-13
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[25] EN
[54] **WORK STRING AND METHOD OF COMPLETING LONG LATERAL WELL BORES**
[54] **CHAINE DE TRAVAIL ET METHODE DE COMPLETION DE TROUS DE FORAGE LATERAUX LONGS**
[72] DALLAS, L. MURRAY, US
[72] WICKANDER, NELS P., US
[73] PTECH DRILLING TUBULARS, LLC, US
[86] (2896579)
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[25] EN
[54] **METHOD AND APPARATUS FOR LIQUID/SOLID SEPARATION SUCH AS DEWATERING PARTICULATE SOLIDS AND AGITATION LEACHING**
[54] **PROCEDE ET APPAREIL POUR SEPARATION LIQUIDE/SOLIDE DE TYPE SEPARATION EAU/MATIERES SOLIDES PARTICULAIRES ET LIXIVIATION PAR AGITATION**
[72] MCALISTER, STEVEN ALEXANDER, CA
[72] VAN KLEEK, MARK DONALD, CA
[72] JILLINGS, MICHAEL CHARLES, CA
[72] MALLORY, BRENNAN JAMES, CA
[72] VINCHOFF, MARK HENRY, CA
[73] SEPRO MINERAL SYSTEMS CORP., CA
[85] 2015-07-09
[86] 2014-09-26 (PCT/CA2014/050925)
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[25] EN
[54] **STACKED-TYPE SECONDARY BATTERY**
[54] **BATTERIE SECONDAIRE DE TYPE EMPILEE**
[72] SAITOH, TOMOKAZU, JP
[72] IZUMO, SHOZO, JP
[72] INOUE, TATSUO, JP
[72] NAKAZAWA, AKIRA, JP
[73] KABUSHIKI KAISHA NIHON MICRONICS, JP
[73] GUALA TECHNOLOGY CO., LTD, JP
[85] 2015-07-28
[86] 2014-04-03 (PCT/JP2014/059787)
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[30] JP (2014-064868) 2014-03-26

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[51] **Int.Cl. G10L 19/12 (2013.01) G10L 19/26 (2013.01) G10L 19/06 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SYNTHESIZING AN AUDIO SIGNAL, DECODER, ENCODER, SYSTEM AND COMPUTER PROGRAM**
[54] **APPAREIL ET PROCEDE POUR SYNTHETISER UN SIGNAL AUDIO, DECODEUR, CODEUR, SYSTEME ET PROGRAMME INFORMATIQUE**
[72] FUCHS, GUILLAUME, DE
[72] BACKSTROM, TOM, DE
[72] GEIGER, RALF, DE
[72] JAEGERS, WOLFGANG, DE
[72] RAVELLI, EMMANUEL, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-07-22
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[51] **Int.Cl. F02D 45/00 (2006.01) F02D 41/14 (2006.01) G01N 27/41 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM OF INTERNAL COMBUSTION ENGINE**
[54] **DISPOSITIF DE COMMANDE POUR MOTEUR A COMBUSTION INTERNE**
[72] HAYASHITA, GO, JP
[72] AOKI, KEIICHIRO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-07-23
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[51] **Int.Cl. B01D 17/02 (2006.01) B01D 15/00 (2006.01) B01D 17/022 (2006.01)**
[25] EN
[54] **COLLOIDAL SILICA ADDITION TO PROMOTE THE SEPARATION OF OIL FROM WATER**
[54] **AJOUT DE SILICE COLLOIDALE POUR FAVORISER LA SEPARATION D'HUILE A PARTIR D'EAU**
[72] OSNESS, KEITH A., US
[72] DIAZ, CARLOS J., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-07-30
[86] 2014-02-13 (PCT/US2014/016164)
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[30] US (61/764,765) 2013-02-14
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[51] **Int.Cl. H01M 2/16 (2006.01) H01L 29/40 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO FORM SEPARATORS FOR BIOCOMPATIBLE ENERGIZATION ELEMENTS FOR BIOMEDICAL DEVICES**
[54] **METHODES ET APPAREIL DE FORMATION DE SEPARATEURS D'ELEMENTS D'ENERGISATION BIOCOMPATIBLES POUR DISPOSITIFS MEDICAUX**
[72] OTTS, DANIEL B., US
[72] PUGH, RANDALL B., US
[72] RIALL, JAMES DANIEL, US
[72] TONER, ADAM, US
[72] FLITSCH, FREDERICK A., US
[72] MAHADEVAN, SHIVKUMAR, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[86] (2900279)
[87] (2900279)
[22] 2015-08-14
[30] US (62/040,178) 2014-08-21
[30] US (14/687,384) 2015-04-15

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[25] EN
[54] **MODULAR LAVATORY WITH ALCOVE**
[54] **TOILETTES MODULAIRES COMPRENANT UNE ALCOVE**
[72] SCOLEY, IAN GEOFFREY, US
[72] SAVIAN, SCOTT, US
[73] C&D ZODIAC, INC., US
[85] 2015-08-05
[86] 2014-02-19 (PCT/US2014/017227)
[87] (WO2014/130590)
[30] US (61/842,292) 2013-07-02
[30] US (61/858,073) 2013-07-24
[30] US (61/906,794) 2013-11-20
[30] US (61/766,665) 2013-02-19

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[25] EN
[54] **RUN SELECTION MECHANISM**
[54] **MECANISME DE SELECTION DE PASSAGE**
[72] BENT, ETHAN, CA
[72] THOMPSON, DENNIS, CA
[72] CHAHLEY, DENNIS, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[85] 2015-08-10
[86] 2014-01-16 (PCT/IB2014/000054)
[87] (WO2014/140705)
[30] US (13/841,475) 2013-03-15

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[25] EN
[54] **LOCKING CAM STOP**
[54] **BUTEE DE CAME BLOQUANTE**
[72] MOLLICK, JOSEPH T., US
[72] GULLEY, WILLIAM D., US
[73] GENCOR INDUSTRIES, INC., US
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[87] (2901041)
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[30] US (14/683,544) 2015-04-10

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[51] **Int.Cl. C09J 5/02 (2006.01) C23C 18/04 (2006.01) C23C 18/12 (2006.01) C23C 28/00 (2006.01)**
[25] EN
[54] **SURFACE TREATMENT FOR STRUCTURAL BONDING TO ALUMINUM**
[54] **TRAITEMENT DE SURFACE POUR UNE LIAISON STRUCTURELLE A L'ALUMINIUM**
[72] FERGUSON, KATHY LYNN, US
[72] BLOHOWIAK, KAY, US
[72] EVENS, MICHAEL W., US
[73] THE BOEING COMPANY, US
[85] 2015-08-14
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[87] (WO2014/176006)
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **FLOW RESISTANT PACKING ELEMENT SYSTEM FOR COMPOSITE PLUG**
[54] **DISPOSITIF D'ELEMENT DE PACKING RESISTANT A L'ECOULEMENT POUR BOUCHON COMPOSITE**
[72] ROCHEN, JAMES A., US
[72] YOUNG, JONATHAN A., US
[72] MHASKAR, NAUMAN H., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[87] (2901560)
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[54] **CONFIGURATION AND VERIFICATION BY TRUSTED PROVIDER**
[54] **CONFIGURATION ET VERIFICATION PAR UN FOURNISSEUR DE CONFIANCE**
[72] BOWEN, PETER ZACHARY, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-09-01
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[25] EN
[54] **PACKAGES FOR ARTICLES OF COMMERCE**
[54] **EMBALLAGES POUR ARTICLES DU COMMERCE**
[72] CHENG, CALVIN HOI WUNG, US
[72] ISELE, OLAF ERIK ALEXANDER, US
[72] UDENGAARD, BRIAN, DK
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-09-03
[86] 2014-03-17 (PCT/US2014/030403)
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[25] EN
[54] **BACTERIAL DETECTION CARTRIDGE**
[54] **CARTOUCHE DE DETECTION BACTERIENNE**
[72] YEH, MING-HSIUNG, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2015-09-11
[86] 2013-03-11 (PCT/US2013/030155)
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[54] **TRAILER WITH AUTOMATED TRAILER RAMP**
[54] **REMORQUE AYANT RAMPE DE REMORQUE AUTOMATIQUE**
[72] FRIESEN, FRANK, US
[72] FROESE, HENRY, US
[72] BARNES, AARON NEIL, US
[73] PJ TRAILERS, INC., US
[85] 2015-09-15
[86] 2014-03-14 (PCT/US2014/027342)
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[30] US (61/788,734) 2013-03-15

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[51] **Int.Cl. C09K 8/584 (2006.01) E21B 43/22 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **HYDROCARBON REMOVAL COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE RETRAIT D'HYDROCARBURE ET PROCEDES D'UTILISATION**
[72] WESTENBERG, ANTHONY, US
[73] WESTENBERG, ANTHONY, US
[85] 2015-09-14
[86] 2014-03-17 (PCT/US2014/030675)
[87] (WO2014/145842)
[30] US (61/801,689) 2013-03-15
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[51] **Int.Cl. G01R 31/327 (2006.01) G01R 31/333 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE MEASUREMENT OF A RESISTANCE OF A SWITCHING CONTACT OF AN ELECTRICAL CIRCUIT BREAKER**
[54] **METHODE ET APPAREIL DE MESURE D'UNE RESISTANCE D'UN CONTACT COMMUTATEUR D'UN DISJONCTEUR DE CIRCUIT ELECTRIQUE**
[72] KLAPPER, ULRICH, AT
[72] DE VILLIERS, WERNICH, AT
[72] KAUFMANN, REINHARD, AT
[73] OMICRON ELECTRONICS GMBH, AT
[86] (2907346)
[87] (2907346)
[22] 2013-08-21
[62] 2,824,263
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[25] EN
[54] **MULTI-FUNCTIONAL BN-BN COMPOSITE**
[54] **COMPOSITE BN-BN MULTIFONCTIONNEL**
[72] KANG, JIN HO, US
[72] BRYANT, ROBERT G., US
[72] PARK, CHEOL, US
[72] SAUTI, GODFREY, US
[72] GIBBONS, LUKE, US
[72] LOWTHER, SHARON, US
[72] THIBEAULT, SHEILA A., US
[72] FAY, CATHARINE C., US
[73] NATIONAL INSTITUTE OF AEROSPACE ASSOCIATES, US
[73] U.S.A. AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, US
[85] 2015-09-16
[86] 2013-03-29 (PCT/US2013/000099)
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[30] US (61/686,107) 2012-03-30
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[25] EN
[54] **ENHANCED EROSION RESISTANT WIRE SHAPES**
[54] **FORMES DE CABLES AMELIOREES RESISTANT A L'EROSION**
[72] GILLESPIE, GEORGE ALEXANDER, II, US
[72] SLADIC, JOHN STEVEN, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2908009)
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[30] US (62/062,017) 2014-10-09

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[25] EN
[54] **FLOW CONTROL METHOD OF COOLING MEDIUM IN A FUEL CELL SYSTEM, AND A FUEL CELL SYSTEM**
[54] **METHODE DE CONTROLE D'ECOULEMENT D'UN SUPPORT DE REFROIDISSEMENT DANS UN SYSTEME DE PILE A COMBUSTIBLE, ET SYSTEME DE PILE A COMBUSTIBLE**
[72] NAGANUMA, YOSHIAKI, JP
[72] TOIDA, MASASHI, JP
[72] OGAWA, TOMOHIRO, JP
[72] MARUO, TSUYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[87] (2908270)
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[30] JP (2014-227848) 2014-11-10

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[25] EN
[54] **CRYSTAL OF PYRROLE DERIVATIVE AND METHOD FOR PRODUCING THE SAME**
[54] **CRISTAL DE DIPYRROMETHENE ET SON PROCEDE DE FABRICATION**
[72] WATANABE, MASASHI, JP
[72] OKACHI, TAKAHIRO, JP
[72] KAWAHARA, MICHIAKI, JP
[72] NAGASAWA, HIROSHI, JP
[72] SATO, NORITADA, JP
[72] TAKITA, TAKASHI, JP
[72] HASEGAWA, GEN, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2015-10-05
[86] 2014-04-07 (PCT/JP2014/060055)
[87] (WO2014/168103)
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[51] **Int.Cl. B21C 37/02 (2006.01) B21C 23/06 (2006.01) B21D 1/00 (2006.01) B21D 26/14 (2006.01) C22C 23/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING METAL SHEETS FROM STRAND-SHAPED PROFILES**
[54] **METHODE ET APPAREIL DE PRODUCTION DE TOLES METALLIQUES A PARTIR DE PROFILES EN FORME DE BANDE**
[72] BRUHNKE, ULRICH, DE
[73] BRUHNKE, ULRICH, DE
[85] 2015-10-09
[86] 2014-04-08 (PCT/DE2014/000179)
[87] (WO2014/166474)
[30] DE (10 2013 006 171.7) 2013-04-10

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[25] EN
[54] **HYDROXYL POLYMER FIBER STRUCTURES COMPRISING AMMONIUM ALKYLSULFONATE SALTS AND METHODS FOR MAKING SAME**
[54] **STRUCTURES A FIBRES DE POLYMERES HYDROXYLES COMPRENANT DES SELS DE SULFONATE D'ALKYLE D'AMMONIUM ET PROCEDES DE FABRICATION CORRESPONDANTS**
[72] HEINZMAN, STEPHEN WAYNE, US
[72] WOODS, BROOKE MARIE, US
[72] BOWLES, JEFFREY ALLEN, US
[72] THOMAS, JACQUELINE BESINAIZ, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-10-13
[86] 2014-03-31 (PCT/US2014/032347)
[87] (WO2014/168776)
[30] US (61/811,298) 2013-04-12

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[51] **Int.Cl. H01M 8/04664 (2016.01) H01M 8/04089 (2016.01) H01M 8/04537 (2016.01) H01M 8/24 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND POWER GENERATION MONITORING METHOD BASED ON CATHODE GAS DEFICIENCY**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE SURVEILLANCE DE GENERATION D'ENERGIE FONDES SUR LA DEFICIENCE EN GAZ DE LA CATHODE**
[72] BONO, TETSUYA, JP
[72] SHIOKAWA, SATOSHI, JP
[72] HAMANOI, OSAMU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909663)
[87] (2909663)
[22] 2015-10-20
[30] JP (2014-229452) 2014-11-12

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[54] **THIENO[2,3-.BETA.]PYRIDINES AS MULTIDRUG RESISTANCE MODULATORS**
[54] **THIENO[2,3-B]PYRIDINES UTILISEES COMME MODULATEURS DE LA RESISTANCE MULTIPLE AUX MEDICAMENTS**
[72] KALVINS, IVARS, LV
[72] KRAUZE, AIVARS, LV
[72] GRINBERGA, SIGNE, LV
[72] KRASNOVA, LAURA, LV
[72] JASCHENKO, ELINA, LV
[72] DOMRACHEVA, ILONA, LV
[72] ADLERE, ILZE, LV
[72] ANDZANS, ZIGMARS, LV
[72] SHESTAKOVA, IRINA, LV
[72] DUBURS, GUNARS, LV
[73] LATVIAN INSTITUTE OF ORGANIC SYNTHESIS, LV
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[54] **BIDIRECTIONAL STABILIZER**
[54] **STABILISATEUR BIDIRECTIONNEL**
[72] SMITH, LEE MORGAN, US
[72] EASTUP-SMITH, BETTY A., US
[73] ALASKAN ENERGY RESOURCES, INC., US
[86] (2910616)
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[22] 2015-10-27
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[54] **SYSTEM AND METHOD FOR IDENTIFYING FAULTS IN AN AIRCRAFT**
[54] **SYSTEME ET METHODE D'IDENTIFICATION DES DEFAILLANCES DANS UN AERONEF**
[72] THUONG, OLIVIER PAUL JACQUES THANH MINH, GB
[72] HORABIN, ROBERT WILLIAM, GB
[72] DESHOTEL, GUY EDWARD, GB
[72] ROBBINS, MARK JOHN, GB
[73] TALERIS GLOBAL LLP, GB
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[25] EN
[54] **RECOMBINANT YEAST AND METHOD FOR PRODUCING ETHANOL USING THE SAME**
[54] **LEVURE DE RECOMBINAISON ET PROCEDE DE PRODUCTION D'ETHANOL UTILISANT CELLE-CI**
[72] ONISHI, TORU, JP
[72] TADA, NOBUKI, JP
[72] KATAHIRA, SATOSHI, JP
[72] NAGURA, RISA, JP
[72] ISHIDA, NOBUHIRO, JP
[73] TOYOTA JIDOSHA KUBUSHIKI KAISHA, JP
[85] 2015-11-09
[86] 2014-06-09 (PCT/JP2014/003069)
[87] (WO2014/199623)
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[25] EN
[54] **AN OXYCHLORINE ORAL RINSE COMPOSITION**
[54] **COMPOSITION DE RINCE-BOUCHE A BASE D'OXYCHLORINE**
[72] KROSS, ROBERT D., US
[72] MULDER, NICHOLAS D., US
[73] PROFRESH PROPERTIES INC., US
[85] 2015-11-17
[86] 2014-03-27 (PCT/US2014/031954)
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[25] EN
[54] **GENERATING A FEED OF CONTENT ITEMS ASSOCIATED WITH A TOPIC FROM MULTIPLE CONTENT SOURCES**
[54] **GENERATION D'UN GROUPE D'ELEMENTS DE CONTENU ASSOCIES A UN SUJET PROVENANT DE MULTIPLES SOURCES DE CONTENU**
[72] WISSNER, JAMES MATTHEW, US
[72] MORGAN, ROBERT, US
[73] FACEBOOK, INC., US
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[25] EN
[54] **CONTAINER FILLING SYSTEM AND VALVE FOR SAME**
[54] **SYSTEME DE REMPLISSAGE DE RECIPIENT ET VALVE ASSOCIE**
[72] EATON, JOHN A., US
[72] MARTIN, DAVID WILLIAM, US
[72] WARBURTON, DAVID JAY, US
[72] COLEMAN, NATHAN JOHN, US
[72] FELLER, SAMUEL FRANK, US
[72] EVANS, THOMAS JOHN, US
[72] SORGE, JASON KARL, US
[72] STRAUB, RANDY A., US
[73] PEPSICO, INC., US
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[87] (2913468)
[22] 2014-03-21
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[54] **CONTAINER FILLING SYSTEM AND VALVE FOR SAME**
[54] **SYSTEME DE REMPLISSAGE DE RECIPIENT ET VALVE ASSOCIE**
[72] EATON, JOHN A., US
[72] MARTIN, DAVID WILLIAM, US
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[72] FELLER, SAMUEL FRANK, US
[72] EVANS, THOMAS JOHN, US
[72] SORGE, JASON KARL, US
[72] STRAUB, RANDY A., US
[73] PEPSICO, INC., US
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[54] **FILTER, METHOD FOR PRODUCING FILTER, AND LASER WAVELENGTH MONITORING APPARATUS**
[54] **FILTRE ET SON PROCEDE DE FABRICATION, ET DISPOSITIF DE SURVEILLANCE DE LONGUEUR D'ONDE DE LASER**
[72] ZHOU, MIN, CN
[72] WANG, LEI, CN
[72] LIN, HUAFENG, CN
[72] LIAO, ZHENXING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DIAGNOSTIC SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DIAGNOSTIC**
[72] BUSE, DAVID AARON, US
[72] OPALSKY, DAVID, US
[72] RHUBOTTOM, JASON, US
[72] HAGEN, NORBERT, US
[72] TIDD, JENNIFER, US
[73] GEN-PROBE INCORPORATED, US
[86] (2913698)
[87] (2913698)
[22] 2014-03-14
[62] 2,903,105
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[25] EN
[54] **TOWING ASSEMBLY WITH PIVOT JOINTS**
[54] **ENSEMBLE DE REMORQUAGE AVEC ARTICULATIONS PIVOTANTES**
[72] FINCHER, CHARLES KENNITH, US
[73] DEFENSE PRODUCTS AND SERVICES GROUP HOLDING COMPANY, US
[86] (2913911)
[87] (2913911)
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[54] **TWO-ROLLER ROLL PRESS WITH THRUST BEARING CONSTRUCTION**
[54] **PRESSE A DOUBLE ROULEAU DOTEE D'UNE CONSTRUCTION DE PALIER A BUTEE**
[72] FRANGENBERG, MEINHARD, DE
[73] TAKRAF GMBH, DE
[86] (2913995)
[87] (2913995)
[22] 2015-12-02
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[54] **LUMBER DIVERTERS, LUMBER SORTERS AND RELATED METHODS**
[54] **DEROUTEURS DE BOIS DEBITE, TRIEUSES DE BOIS DEBITE ET METHODES ASSOCIEES**
[72] HOUGEN, RONALD JAMES, CA
[72] VAN VARSEVELD, ROBERT B., CA
[73] MILL TECH INDUSTRIES, CA
[86] (2914115)
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[54] **DATA ANALYSIS SYSTEM**
[54] **SYSTEME D'ANALYSE DE DONNEES**
[72] ROSNER, NORM, CA
[73] DRINKING BIRD SOFTWARE LTD., CA
[86] (2915117)
[87] (2915117)
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[54] **PERSONAL CARE COMPOSITIONS AND ARTICLES**
[54] **COMPOSITIONS ET ARTICLES DE SOINS PERSONNELS**
[72] MCCONAUGHY, SHAWN DAVID, US
[72] SMITH, EDWARD DEWEY, III, US
[72] KAVALEW, DALE GARY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-12-14
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[30] US (61/840,084) 2013-06-27
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[25] EN
[54] **INTEGRATED SEAL FOR CONTROL BUTTON**
[54] **JOINT INTEGRE DESTINE A UN BOUTON DE COMMANDE**
[72] GRIFFIN, PAUL W., US
[73] SNAP-ON INCORPORATED, US
[86] (2916010)
[87] (2916010)
[22] 2015-12-23
[30] US (14/639,264) 2015-03-05
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[25] EN
[54] **TABLET CASSETTE FOR TABLET FEEDER**
[54] **CASSETTE DE COMPRIMES POUR DISTRIBUTEUR DE COMPRIMES**
[72] OMURA, YOSHIHITO, JP
[73] TOSHO, INC., JP
[85] 2015-12-18
[86] 2014-07-03 (PCT/JP2014/067747)
[87] (WO2015/002259)
[30] JP (2013-139480) 2013-07-03

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[25] EN
[54] **ANTIBODIES AGAINST HUMAN ANGIOPOIETIN 2**
[54] **ANTICORPS DIRIGES CONTRE L'ANGIOPOIETINE 2 HUMAINE**
[72] BRINKMANN, ULRICH, DE
[72] GRIEP, REMKO ALBERT, NO
[72] KALUZA, KLAUS, DE
[72] KLEIN, CHRISTIAN, CH
[72] REGULA, JOERG THOMAS, DE
[72] SCHEUER, WERNER, DE
[72] KAVLIE, ANITA, NO
[73] F. HOFFMANN-LA ROCHE AG, CH
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[87] (2916481)
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[25] EN
[54] **ELASTIC MEMBER RETENTION DEVICE FOR RATCHET MECHANISM**
[54] **DISPOSITIF DE RETENTION D'ELEMENT ELASTIQUE DESTINE A UN MECANISME A ROCHET**
[72] THOMPSON, CHRISTOPHER, US
[72] EGGERT, DANIEL M., US
[72] GUPTE, ANUP A., US
[73] SNAP-ON INCORPORATED, US
[86] (2918093)
[87] (2918093)
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[25] EN
[54] **AIRCRAFT ENGINE PYLON**
[54] **MAT D'ACCROCHAGE DE MOTEUR POUR AERONEF**
[72] KANG, YANXIANG, CN
[72] YUAN, MINGCHAO, CN
[72] FANG, XUELIANG, CN
[73] MRA SYSTEMS, LLC, US
[85] 2016-01-14
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[54] **CRANE**
[54] **GRUE**
[72] WIMMER, ECKHARD, AT
[72] STEINDL, HANNES, AT
[72] WINKLER, JUERGEN, AT
[72] ROECK, CHRISTOPH, AT
[72] HABERL, WALTER, AT
[73] PALFINGER AG, AT
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[87] (WO2015/013733)
[30] AT (GM 249/2013) 2013-07-31

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[51] **Int.Cl. G11C 11/56 (2006.01) G11C 16/16 (2006.01)**
[25] EN
[54] **METHOD OF ERASING INFORMATION AND DEVICE FOR PERFORMING SAME**
[54] **METHODE DE SUPPRESSION D'INFORMATION ET DISPOSITIF D'EXECUTION DE LADITE SUPPRESSION**
[72] HOFFGEN, STEFAN, DE
[72] JOSTER, MICHAEL, DE
[72] KUHNHENN, JOCHEN, DE
[72] KUNDGEN, TOBIAS, DE
[72] METZGER, STEFAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[51] **Int.Cl. H04L 12/58 (2006.01)**
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[54] **METHOD AND APPARATUS FOR EXPIRING MESSAGES IN ELECTRONIC COMMUNICATIONS**
[54] **PROCEDE ET APPAREIL POUR MESSAGES A ECHEANCE DANS DES COMMUNICATIONS ELECTRONIQUES**
[72] PRADO, JASON, US
[72] EIDELSON, BENJAMIN DAVID, US
[72] PAWLOWSKI, PETER MICHAL, US
[72] SHERRETS, DOUG, US
[73] GOOGLE LLC, US
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[25] EN
[54] **REFRIGERATOR**
[54] **REFRIGERATEUR**
[72] CHOI, SUNG PIL, KR
[72] SHIN, DONG IN, KR
[72] NO, HYO SEOK, KR
[72] MOON, YOUNG KYU, KR
[72] SUN, MU YEOL, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **FUGITIVE DYE CATCHING MATERIAL**
[54] **MATERIAU PIEGEUR DE COLORANTS FUGITIFS**
[72] FANTINI, DIEGO, FR
[72] MERLET, SAMUEL, FR
[73] AHLSTROM-MUNKSJO OYJ, FI
[85] 2016-02-01
[86] 2014-08-11 (PCT/FI2014/050616)
[87] (WO2015/018981)
[30] EP (13179996.7) 2013-08-09

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[51] **Int.Cl. A47C 7/62 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **SEATING DEVICE WITH STORAGE**
[54] **DISPOSITIF DE SIEGE EQUIPE DE RANGEMENT**
[72] MAKOS, TIMOTHY S., US
[72] KLECKNER, RYAN J., US
[73] PLANO MOLDING COMPANY, US
[86] (2920573)
[87] (2920573)
[22] 2016-02-11
[30] US (62/119,553) 2015-02-23
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[51] **Int.Cl. A61F 2/64 (2006.01) A61F 2/68 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING AN ARTIFICIAL ORTHOTIC OR PROSTHETIC KNEE JOINT**
[54] **PROCEDE DE COMMANDE D'UNE ARTICULATION ARTIFICIELLE D'UNE ORTHESE OU D'UNE PROTHESE DU GENOU**
[72] AUBERGER, ROLAND, AT
[72] SEYR, MARTIN, AT
[72] SEIFERT, DIRK, AT
[72] MANDL, CLEMENS, AT
[72] DIETL, HANS, AT
[73] OTTO BOCK HEALTHCARE PRODUCTS GMBH, AT
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[25] EN
[54] **PROVIDING COMMAND QUEUING IN EMBEDDED MEMORIES**
[54] **MISE EN FILE D'ATTENTE DE COMMANDES DANS DES MEMOIRES INTEGREES**
[72] SHACHAM, ASSAF, US
[72] YAHALOM, TOM, US
[72] ZACKS-SHTRAUSS, AVIAD, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-02-09
[86] 2014-09-08 (PCT/US2014/054527)
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[30] US (61/875,721) 2013-09-10
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[25] EN
[54] **METHOD AND SYSTEM FOR A CERAMIC MATRIX COMPOSITE SHROUD HANGER ASSEMBLY**
[54] **METHODE ET SYSTEME D'ASSEMBLAGE DE SUPPORT DE CARENAGE EN COMPOSITE A MATRICE CERAMIQUE**
[72] SHAPIRO, JASON DAVID, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2921269)
[87] (2921269)
[22] 2016-02-18
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[51] **Int.Cl. B03B 4/02 (2006.01)**
[25] EN
[54] **AGGRE-DRY RETRO-FIT SYSTEM**
[54] **SYSTEME DE READAPTATION D'INSTALLATION DE DESHYDRATATION D'AGGREGAT**
[72] SQUIRES, FRANK, US
[72] BROWN, JEREMY, US
[72] AFRANK, CHRIS, US
[73] SUPERIOR INDUSTRIES, INC., US
[86] (2921329)
[87] (2921329)
[22] 2016-02-18
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[51] **Int.Cl. B28C 5/04 (2006.01) B05C 21/00 (2006.01) B28C 7/02 (2006.01) B28C 7/04 (2006.01)**
[25] EN
[54] **PERISTALTIC MIXING DISPENSER**
[54] **DISTRIBUTEUR DE MELANGE PERISTALTIQUE**
[72] LIVSHITZ, DANNY, CA
[72] LIVSHITZ, IRINA, CA
[73] LIVSHITZ, DANNY, CA
[73] LIVSHITZ, IRINA, CA
[86] (2921452)
[87] (2921452)
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[51] **Int.Cl. F16B 21/12 (2006.01) F16G 11/10 (2006.01) F16N 1/00 (2006.01)**
[25] EN
[54] **CLEVIS PIN ASSEMBLY**
[54] **ASSEMBLAGE D'AXE A EPAULEMENT**
[72] PAIN, DAVID, CA
[73] PAIN, DAVID, CA
[86] (2921694)
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[30] US (14/796,078) 2015-07-10

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[51] **Int.Cl. H04N 19/597 (2014.01)**
[25] EN
[54] **METHOD OF MOTION INFORMATION PREDICTION AND INHERITANCE IN MULTI-VIEW AND THREE-DIMENSIONAL VIDEO CODING**
[54] **PROCEDE DE PREDICTION ET D'HERITAGE D'INFORMATIONS DE MOUVEMENT DANS UN CODAGE VIDEO EN TROIS DIMENSIONS ET VUES MULTIPLES**
[72] LIN, JIAN-LIANG, CN
[72] CHEN, YI-WEN, CN
[73] MEDIATEK INC., CN
[85] 2016-02-18
[86] 2014-10-17 (PCT/CN2014/088845)
[87] (WO2015/055143)
[30] US (61/892,251) 2013-10-17

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[51] **Int.Cl. A61F 2/915 (2013.01)**
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[54] **STENT WITH ANTI-MIGRATION CONNECTORS**
[54] **STENT POURVU DE CONNECTEURS ANTI-MIGRATION**
[72] FLEURY, SEAN P., US
[72] SEDDON, DANE T., US
[72] ROSS, DANIEL, US
[72] DORAN, BURNS P., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
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[87] (WO2015/038790)
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[54] **DELIVERY OF MEDICAL DEVICES**
[54] **POSE DE DISPOSITIFS MEDICAUX**
[72] LOSORDO, MICHAEL, US
[72] SKUJINS, PETER, US
[72] JOHNSON, GARRETT, US
[73] COVIDIEN LP, US
[85] 2016-02-24
[86] 2014-08-08 (PCT/US2014/050270)
[87] (WO2015/031025)
[30] US (61/870,755) 2013-08-27
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[30] US (14/040,510) 2013-09-27
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[51] **Int.Cl. G01N 27/62 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING PEPTIDE FRAGMENTS, KIT FOR PREPARING PEPTIDE FRAGMENTS TO BE USED THEREIN, AND ANALYSIS METHOD**
[54] **PROCEDES DE PREPARATION DE FRAGMENTS PEPTIDIQUES, KIT DE PREPARATION DE FRAGMENTS PEPTIDIQUES DESTINE A ETRE UTILISE DANS CELUI-CI, ET PROCEDE D'ANALYSE**
[72] SHIMADA, TAKASHI, JP
[72] FUKAO, NORIKO, JP
[72] AOKI, CHIKAGE, JP
[72] SATO, TAKA-AKI, JP
[73] SHIMADZU CORPORATION, JP
[85] 2016-02-24
[86] 2013-09-09 (PCT/JP2013/074292)
[87] (WO2015/033479)

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[51] **Int.Cl. A42B 3/04 (2006.01) B43K 23/00 (2006.01) B43K 25/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **PENCIL SUPPORT FOR CONSTRUCTION HELMET**
[54] **PORTE-CRAYON POUR CASQUE DE CONSTRUCTION**
[72] RENAUD, BENOIT, CA
[73] FRATERNITE INTER-PROVINCIALE DES OUVRIERS EN ELECTRICITE (FIPOE), CA
[86] (2923911)
[87] (2923911)
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[54] **CONTENT BASED VIDEO CONTENT SEGMENTATION**
[54] **SEGMENTATION DE CONTENU VIDEO BASEE SUR UN CONTENU**
[72] ISHTIAQ, FAISAL, US
[72] FONSECA, BENEDITO J., JR., US
[72] BAUM, KEVIN L., US
[72] BRASKICH, ANTHONY J., US
[72] EMEOTT, STEPHEN P., US
[72] GANDHI, BHAVAN, US
[72] LI, RENXIANG, US
[72] SMITH, ALFONSO MARTINEZ, US
[72] NEEDHAM, MICHAEL L., US
[72] OULD DELLAHY, ISSELMOU, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2016-03-10
[86] 2014-09-11 (PCT/US2014/055155)
[87] (WO2015/038749)
[30] US (61/877,292) 2013-09-13
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[25] EN
[54] **METHODS FOR INCREASING THE PRODUCTION OF PRODUCTS DERIVED FROM ACETOLACTATE**
[54] **METHODES D'AUGMENTATION DE LA PRODUCTION DE PRODUITS DERIVES D'ACETOLACTATE**
[72] SMART, KATHLEEN FRANCES, US
[72] MUELLER, ALEXANDER PAUL, US
[72] MAWDSLEY, MICHAEL JAMES HARRY, US
[72] MIHALCEA, CHRISTOPHE DANIEL, US
[73] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2016-03-21
[86] 2014-09-22 (PCT/US2014/056846)
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[25] EN
[54] **DETERMINING LOCATION INFORMATION USING A LOCATION DATA POINT PROVIDED BY A COMPUTING DEVICE**
[54] **DETERMINATION D'INFORMATIONS D'EMPLACEMENT UTILISANT UN POINT DE DONNEES D'EMPLACEMENT FOURNI PAR UN DISPOSITIF INFORMATIQUE**
[72] HOLDEN, PAUL-PHILLIP, US
[72] SWEENEY, MATTHEW, US
[72] GROSSER, JEREMY, US
[73] UBER TECHNOLOGIES, INC., US
[85] 2016-03-29
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[25] EN
[54] **LOAD COMPENSATING DEVICES**
[54] **DISPOSITIFS DE COMPENSATION DE CHARGE**
[72] KHAN, JEHAN Z., US
[72] BAKER, JONATHON P., US
[72] TIAN, QING, US
[73] GE INFRASTRUCTURE TECHNOLOGY, LLC, US
[86] (2925831)
[87] (2925831)
[22] 2016-04-05
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[54] **TUBE MADE OF HYDROPHILIZED SILICONE**
[54] **TUBE EN SILICONE HYDROPHILISEE**
[72] LETAILLEUR, ALBAN, FR
[72] JAFFRENNOU, BORIS, FR
[72] LE BARON, CHRISTOPHE, FR
[73] SAINT-GOBAIN PERFORMANCE PLASTICS FRANCE, FR
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[86] 2014-10-06 (PCT/EP2014/071330)
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[51] **Int.Cl. H01T 13/50 (2006.01) H01T 13/28 (2006.01) H01T 13/38 (2006.01)**
[25] EN
[54] **PLASMA IGNITION PLUG FOR AN INTERNAL COMBUSTION ENGINE**
[54] **BOUGIE D'ALLUMAGE AU PLASMA POUR UN MOTEUR A COMBUSTION INTERNE**
[72] MONROS, SERGE V., US
[72] YURTH, DAVID G., US
[72] SEGOTA, DARKO, US
[73] SVMTECH, LLC, US
[85] 2016-04-07
[86] 2014-10-16 (PCT/US2014/060816)
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[30] US (61/891,551) 2013-10-16
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[51] **Int.Cl. F03D 80/40 (2016.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ROTOR BLADE DEICING AS WELL AS COMPUTER PROGRAM AND WIND POWER PLANT**
[54] **METHODE ET SYSTEME DE DEGIVRAGE DE PALE DE ROTOR ET PROGRAMME INFORMATIQUE ET INSTALLATION DE PRODUCTION D'ENERGIE EOLIENNE**
[72] KRAMER, BERTIN, DE
[72] RZEPKA, MAREK, DE
[73] SENVION GMBH, DE
[86] (2927455)
[87] (2927455)
[22] 2016-04-18
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[25] EN
[54] **HEALTH MANAGEMENT UNIT AND METHOD FOR MONITORING HEALTH INFORMATION AND TRANSMITTING INFORMATION FROM THE AIRCRAFT**
[54] **UNITE DE GESTION DE LA SANTE ET PROCEDE DE SURVEILLANCE D'INFORMATIONS DE SANTE ET DE TRANSMISSION D'INFORMATIONS PROVENANT D'UN AERONEF**
[72] BUEHLER, ERIC DANIEL, US
[72] STEFFLER, JOSEPH BERNARD, US
[73] GE AVIATION SYSTEMS LLC, US
[85] 2016-04-14
[86] 2013-10-24 (PCT/US2013/066516)
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[25] EN
[54] **MOUNTING ARRANGEMENT FOR AIR DEFLECTOR**
[54] **DISPOSITIF D'INSTALLATION POUR DEFLECTEUR D'AIR**
[72] BROOKS, PETER EVERETT, US
[72] BURGESS, NATHAN JOHN, US
[72] MILLER, MYRON FLOYD, US
[73] GE INFRASTRUCTURE TECHNOLOGY, LLC, US
[86] (2927972)
[87] (2927972)
[22] 2014-03-12
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[30] US (13/831,951) 2013-03-15

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[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/16 (2012.01)**
[25] EN
[54] **SECURING PAYMENT TRANSACTIONS WITH ROTATING APPLICATION TRANSACTION COUNTERS**
[54] **SECURISATION DE TRANSACTIONS DE PAIEMENT A L'AIDE DE COMPTEURS TOURNANTS DE TRANSACTIONS D'APPLICATIONS**
[72] BRICKELL, JUSTIN LEE, US
[72] BLATTER, JONATHAN KINGSLEY, US
[72] WIELER, BOBBY, US
[72] BUTLER, HARRY LEE, IV, US
[72] BLANCO, IGNACIO CARLOS, US
[72] LILA, DENIS, US
[73] GOOGLE LLC, US
[85] 2016-04-29
[86] 2014-08-08 (PCT/US2014/050451)
[87] (WO2015/065561)
[30] US (61/897,520) 2013-10-30
[30] US (14/133,591) 2013-12-18

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[51] **Int.Cl. G01R 19/00 (2006.01)**
[25] EN
[54] **METHOD OF REMOVING DECAYING DC COMPONENT FROM POWER SYSTEM FAULT SIGNAL**
[54] **PROCEDE D'ELIMINATION DE COMPOSANTE CONTINUE DECROISSANTE D'UN SIGNAL DE DEFAUT DE SYSTEME DE PUISSANCE**
[72] WU, QINGHUA, CN
[72] ZHANG, LULIANG, CN
[72] JI, TIANYAO, CN
[73] SOUTH CHINA UNIVERSITY OF TECHNOLOGY, CN
[85] 2016-05-03
[86] 2012-11-28 (PCT/CN2012/085394)
[87] (WO2014/071662)
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[25] EN
[54] **FLUOROPHENYL PYRAZOL COMPOUNDS**
[54] **COMPOSES FLUOROPHENYL-PYRAZOLE**
[72] LIU, KEVIN KUN-CHIN, US
[72] WU, LIANG, US
[72] XIE, YINONG, US
[72] ZHOU, GUOQIANG, US
[73] ELI LILLY AND COMPANY, US
[85] 2016-05-03
[86] 2014-12-11 (PCT/US2014/069785)
[87] (WO2015/094913)
[30] CN (PCT/CN2013/089987) 2013-12-19

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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/04 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **INTERNALLY DEGRADABLE PLUGS FOR DOWNHOLE USE**
[54] **BOUCHONS DEGRADABLES INTERIEUREMENT POUR UNE UTILISATION DANS UN FOND DE TROU**
[72] CUTLER, I. MARC, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2016-05-06
[86] 2014-11-07 (PCT/US2014/064487)
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[30] US (61/901,681) 2013-11-08

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[51] **Int.Cl. H01M 8/24 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **GAS MANIFOLDS IN FUEL CELL STACK**
[54] **COLLECTEURS DE GAZ D'EMPILEMENT DE PILE A COMBUSTIBLE**
[72] MORIKAWA, TETSUYA, JP
[72] HOTTA, NOBUYUKI, JP
[73] NGK SPARK PLUG CO., LTD., JP
[85] 2016-05-17
[86] 2014-12-10 (PCT/JP2014/082676)
[87] (WO2015/087913)
[30] JP (2013-256388) 2013-12-11

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[51] **Int.Cl. G01N 35/00 (2006.01)**
[25] EN
[54] **SHAKING DEVICE FOR FULLY-AUTOMATIC INSTANT CHECK METER**
[54] **DISPOSITIF D'AGITATION POUR COMPTEUR DE CONTROLE INSTANTANE TOTALEMENT AUTOMATIQUE**
[72] ZHOU, XUYI, CN
[72] HONG, LONGBIN, CN
[72] XU, WENJIE, CN
[72] CHEN, XIAODONG, CN
[72] ZHOU, SONGBING, CN
[72] SHEN, GUOJIN, CN
[72] HU, RUI, CN
[73] HANGZHOU JOINSTAR BIOMEDICAL TECHNOLOGY CO., LTD., CN
[85] 2016-05-19
[86] 2014-12-25 (PCT/CN2014/094948)
[87] (WO2015/096773)
[30] CN (201320866292.8) 2013-12-26

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[51] **Int.Cl. H04N 21/80 (2011.01) H04N 19/136 (2014.01) G08B 17/06 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **PREDICTING EXTERNAL EVENTS FROM DIGITAL VIDEO CONTENT**
[54] **PREDICTION D'EVENEMENTS EXTERIEURS DE CONTENU VIDEO NUMERIQUE**
[72] BATALLER, CYRILLE, FR
[72] ASTROM, ANDERS, SG
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2931743)
[87] (2931743)
[22] 2016-05-30
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[51] **Int.Cl. A45C 13/36 (2006.01) A45C 5/03 (2006.01)**
[25] EN
[54] **CORNERITE DEVICE FOR SUITCASE AND SUITCASE**
[54] **DISPOSITIF DE CORNIERE DESTINE A UNE VALISE ET VALISE**
[72] XU, ZHONGLANG, CN
[73] XU, ZHONGLANG, CN
[86] (2931865)
[87] (2931865)
[22] 2016-06-02
[30] CN (CN 201520537209.1) 2015-07-22

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[51] **Int.Cl. A47K 3/28 (2006.01) A47K 3/30 (2006.01) F16S 3/06 (2006.01)**
[25] EN
[54] **QUICK CONNECTING DEVICE AND SHOWER ROOM ASSEMBLY**
[54] **DISPOSITIF A RACCORDEMENT RAPIDE ET COMPOSANT DE SALLE DE DOUCHE**
[72] WEI, WUXIANG, CN
[73] FOSHAN IDEAL CO., LTD, CN
[85] 2016-05-30
[86] 2014-12-02 (PCT/CN2014/092797)
[87] (WO2016/078136)
[30] CN (201420708089.2) 2014-11-21

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[51] **Int.Cl. B65G 67/08 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR HANDLING OBJECTS**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE MANIPULER DES OBJETS**
[72] ENENKEL, PETER, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-06-10
[86] 2014-12-09 (PCT/EP2014/076974)
[87] (WO2015/086559)
[30] DE (10 2013 225 927.1) 2013-12-13

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[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/157 (2006.01)**
[25] EN
[54] **INTEGRATORS FOR SENSOR APPLICATIONS**
[54] **INTEGRATEURS POUR DES APPLICATIONS DE CAPTEUR**
[72] CHEN, JUN, US
[72] GOFMAN, IGOR, US
[72] WU, MU, US
[72] DIONISIO, CHRISTOPHER, US
[73] AGAMATRIX, INC., US
[85] 2016-06-13
[86] 2013-12-23 (PCT/US2013/077466)
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[30] US (61/745,178) 2012-12-21
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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **AEROSOL-FORMING MEMBER**
[54] **ELEMENT DE FORMATION D'AEROSOL**
[72] BUCHBERGER, HELMUT, AT
[72] DICKENS, COLIN JOHN, GB
[72] FRASER, RORY, GB
[73] BATMARK LIMITED, GB
[85] 2016-06-27
[86] 2015-01-28 (PCT/GB2015/050195)
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[30] GB (1401520.0) 2014-01-29

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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **AEROSOL-FORMING MEMBER**
[54] **ELEMENT DE FORMATION D'AEROSOL**
[72] DICKENS, COLIN JOHN, GB
[72] FRASER, RORY, GB
[72] BUCHBERGER, HELMUT, AT
[73] BATMARK LIMITED, GB
[85] 2016-06-27
[86] 2015-01-28 (PCT/GB2015/050191)
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[13] C
[51] **Int.Cl. F02K 3/10 (2006.01) F23R 3/20 (2006.01)**
[25] EN
[54] **AFTERBURNER AND AIRCRAFT ENGINE**
[54] **POST-BRULEUR, ET MOTEUR D'AVION**
[72] TANAKA, SHINJI, JP
[72] TAKAHASHI, KATSUYOSHI, JP
[72] HOSOI, JUN, JP
[73] IHI CORPORATION, JP
[85] 2016-07-04
[86] 2015-04-27 (PCT/JP2015/062716)
[87] (WO2015/166921)
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[25] EN
[54] **PELLETIZING DEVICE WITH A CUTTING ROTOR**
[54] **DISPOSITIF DE PELLETISATION AVEC ROTOR DE COUPE**
[72] HARMON, TIM, US
[73] MAAG AUTOMATIK GMBH, DE
[85] 2016-07-14
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[25] EN
[54] **RATCHET WRENCH AND PAWL MECHANISM**
[54] **CLE A MOLETTE ET MECANISME DE CLIQUET**
[72] THOMPSON, CHRISTOPHER, US
[72] EGGERT, DANIEL, US
[73] SNAP-ON INCORPORATED, US
[86] (2937008)
[87] (2937008)
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[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/068 (2006.01) A61B 17/08 (2006.01) A61B 17/10 (2006.01) A61B 17/122 (2006.01) A61B 17/128 (2006.01)**
[25] EN
[54] **CLIP SYSTEMS FOR TREATING BODY TISSUES**
[54] **SYSTEMES DE PINCE POUR TRAITER DES TISSUS CORPORELS**
[72] SHEPARD, DOUGLAS C., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2016-07-15
[86] 2015-01-14 (PCT/US2015/011334)
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[51] **Int.Cl. B31B 70/26 (2017.01) B31B 70/14 (2017.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING BAGS**
[54] **PROCEDE ET APPAREIL POUR FABRIQUER DES SACS**
[72] SELLE, PAUL, US
[72] WHITE, CHRISTOPHER, US
[72] CAMPBELL, JAMES, US
[72] RYMER, TIMOTHY, US
[73] CMD CORPORATION, US
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[54] **ADJUSTMENT MECHANISM FOR PUMP SEAL**
[54] **MECANISME D'AJUSTEMENT POUR JOINT DE POMPE**
[72] DEWSNAP, GREGORY CRAIG, GB
[73] LINATEX LIMITED, GB
[86] (2937932)
[87] (2937932)
[22] 2010-10-18
[62] 2,809,869
[30] AU (2010903916) 2010-08-31

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[25] EN
[54] **ISOLATION DEVICES HAVING AN ANODE MATRIX AND A FIBER CATHODE**
[54] **DISPOSITIFS D'ISOLATION COMPORTANT UNE MATRICE D'ANODE ET UNE CATHODE A FIBRES**
[72] FRIPP, MICHAEL L., US
[72] MURPHREE, ZACHARY R., US
[72] WALTON, ZACHARY W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-09
[86] 2015-02-09 (PCT/US2015/014981)
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[30] US (14/254,156) 2014-04-16

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[51] **Int.Cl. F03D 15/00 (2016.01) F03D 3/00 (2006.01) F16H 37/08 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **TRANSMISSION MEANS FOR A TURBINE ENERGY DEVICE**
[54] **MECANISME DE TRANSMISSION DESTINE A UN DISPOSITIF D'ENERGIE DE TURBINE**
[72] EZOORY, DORON E., IL
[72] EZOORY, DORON E., CA
[73] EZOORY, DORON E., CA
[85] 2016-08-12
[86] 2015-02-11 (PCT/IL2015/050154)
[87] (WO2015/121857)
[30] IL (230934) 2014-02-12

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[54] **NEWS PRODUCTION SYSTEM WITH INTEGRATED DISPLAY**
[54] **SYSTEME DE PRODUCTION D'ACTUALITES AVEC DISPOSITIF D'AFFICHAGE INTEGRE**
[72] HUNDEMER, HANK J., US
[73] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2016-08-18
[86] 2015-03-06 (PCT/US2015/019098)
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[54] **OPHTHALMIC LENSES WITH OXYGEN-GENERATING ELEMENTS THEREIN**
[54] **LENTILLES OPHTALMIQUES CONTENANT DES ELEMENTS DE PRODUCTION D'OXYGENE**
[72] CLARKE, ROGER BRIAN MINCHIN, GB
[73] NOVARTIS AG, CH
[85] 2016-08-24
[86] 2015-04-07 (PCT/EP2015/057486)
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[54] **METHOD AND DEVICE FOR PRODUCING OPTICAL FIBER UNIT**
[54] **METHODE ET DISPOSITIF DESTINES A LA PRODUCTION DE MODULE DE FIBRE OPTIQUE**
[72] KAJI, TOMOAKI, JP
[72] MIKAMI, MASATAKA, JP
[72] OSATO, KEN, JP
[72] YAMANAKA, MASAYOSHI, JP
[72] OKADA, NAOKI, JP
[72] ISHIOKA, MASAYUKI, JP
[73] FUJIKURA LTD., JP
[85] 2016-09-15
[86] 2016-03-09 (PCT/JP2016/057327)
[87] (WO2016/185767)
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[25] EN
[54] **VOLTAGE SENSING USING UNGROUNDED POWER LINE SENSORS**
[54] **DETECTION DE TENSION A L'AIDE DE CAPTEURS DE LIGNE ELECTRIQUE NON MISE A LA TERRE**
[72] MEEKER, DAVID C., US
[72] COMPTER, BRIAN M., US
[73] FOSTER-MILLER, INC., US
[85] 2016-09-20
[86] 2015-02-26 (PCT/US2015/017721)
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[30] US (61/976,191) 2014-04-07
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[51] **Int.Cl. A61M 5/172 (2006.01)**
[25] EN
[54] **THERAPY MANAGEMENT DEVELOPMENT PLATFORM**
[54] **PLATEFORME DE DEVELOPPEMENT DE GESTION DE THERAPIE**
[72] KROGH, ROSS G., US
[72] MARTUCCI, JAMES P., US
[73] BAXTER INTERNATIONAL, INC., US
[73] BAXTER HEALTHCARE SA, CH
[86] (2943752)
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[25] EN
[54] **ROTATABLE HINGE**
[54] **CHARNIERE ROTATIVE**
[72] ADAIR, DAVID C., US
[72] GROSS, FREDERICK W., US
[73] HURCO COMPANIES, INC., US
[85] 2016-09-27
[86] 2015-03-27 (PCT/US2015/022948)
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[51] **Int.Cl. A01K 5/01 (2006.01)**
[25] EN
[54] **AN IMPROVED THREE-LAYER BOWL AND A PROCESS OF MANUFACTURING THEREOF**
[54] **BOL A TROIS COUCHES AMELIORE ET SON PROCEDE DE FABRICATION**
[72] PADIA, ASHISH, IN
[73] PADIA, ASHISH, IN
[86] (2944290)
[87] (2944290)
[22] 2016-10-05
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[54] **TRANSPORT CONVEYOR AND TRANSPORT UNIT**
[54] **TRANSPORTEUR ET UNITE DE TRANSPORT**
[72] FUJIO, YOSHIHIKO, JP
[73] DAIFUKU CO., LTD., JP
[85] 2016-09-28
[86] 2014-03-28 (PCT/JP2014/059191)
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[51] **Int.Cl. C08L 1/00 (2006.01) B01F 17/52 (2006.01) C08F 293/00 (2006.01) C08J 3/05 (2006.01) C08J 3/20 (2006.01) C08L 97/00 (2006.01) C08L 101/00 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR READILY DISPERSIBLE CELLULOSE COMPOSITION, READILY DISPERSIBLE CELLULOSE COMPOSITION, CELLULOSE DISPERSION RESIN COMPOSITION, AND PRODUCTION METHOD FOR WATER-BASED DISPERSANT FOR CELLULOSE**
[54] **COMPOSITION DE CELLULOSE FACILEMENT DISPERSABLE AINSI QUE PROCEDE DE FABRICATION DE CELLE-CI, COMPOSITION DE RESINE A DISPERSION DE CELLULOSE, ET PROCEDE DE FABRICATION D'AGENT DETRAITEMENT DE DISPERSION AQUEUX POUR CELLULOSE**
[72] IMAI, TAKAHIRO, JP
[72] AOYAGI, TAIYO, JP
[72] SHIMANAKA, HIROYUKI, JP
[72] TSUJI, YOSHINOBU, JP
[72] SAKAKIBARA, KEITA, JP
[72] GOTO, ATSUSHI, JP
[73] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[73] KYOTO UNIVERSITY, JP
[85] 2016-09-29
[86] 2015-03-30 (PCT/JP2015/060029)
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[51] **Int.Cl. G16H 20/13 (2018.01) G06Q 10/08 (2012.01) A61J 7/00 (2006.01)**
[25] EN
[54] **PATIENT-SPECIFIC BIN SYSTEMS, METHODS, AND DEVICES**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE BOITE D'UN PATIENT**
[72] VAHLBERG, JOHN, US
[72] COHEN, DAN, US
[72] CARTRIGHT, JENNIFER, US
[72] CALDWELL, RICHARD, US
[72] BLANK, JEFF, US
[73] OMNICELL, INC., US
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[22] 2008-06-18
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[30] US (12/140,969) 2008-06-17
[30] US (12/140,970) 2008-06-17
[30] US (12/140,971) 2008-06-17
[30] US (12/140,975) 2008-06-17
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[54] **ULTRASONIC DENTAL HANDPIECE**
[54] **PIECE A MAIN DENTAIRE ULTRASONORE**
[72] GUARAGNO, KENNETH R., US
[72] WITMER, JARED, US
[72] SWATTON, CLIVE, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2016-10-06
[86] 2015-05-19 (PCT/US2015/031530)
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[25] EN
[54] **RIGID PISTON RETROFIT FOR DIAPHRAGM FLUSH VALVE**
[54] **PISTON RIGIDE ADAPTE A UN ROBINET DE CHASSE A MEMBRANE**
[72] BUSH, SHAWN D., US
[72] NOTTAGE, RYAN W., US
[73] SDB IP HOLDINGS, LLC, US
[86] (2946628)
[87] (2946628)
[22] 2013-03-15
[62] 2,869,727
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[25] EN
[54] **POLYPROPYLENE - POLYETHYLENE BLENDS WITH IMPROVED PROPERTIES**
[54] **MELANGES DE POLYPROPYLENE-POLYETHYLENE PRESENTANT DES PROPRIETES AMELIOREES**
[72] KAHLEN, SUSANNE, AT
[72] GAHLEITNER, MARKUS, AT
[72] EK, CARL-GUSTAF, SE
[72] KULSHRESHTHA, BHAWNA, AT
[72] REICHELT, NORBERT, AT
[72] BAUMGARTEL, GERNOT, AT
[73] BOREALIS AG, AT
[85] 2016-10-24
[86] 2015-04-30 (PCT/EP2015/059541)
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[25] EN
[54] **INTEGRATING EXTERNAL ALGORITHMS INTO A FLEXIBLE FRAMEWORK FOR IMAGING VISUALIZATION DATA**
[54] **INTEGRATION D'ALGORITHMES EXTERNES DANS UN CADRE FLEXIBLE POUR DONNEES DE VISUALISATION D'IMAGERIE**
[72] BIVINS, GERRICK O'RON, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-10-31
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[25] EN
[54] **AMNIOTIC MEMBRANE PREPARATIONS AND PURIFIED COMPOSITIONS AND METHODS OF USE**
[54] **PREPARATIONS DE MEMBRANE AMNIOTIQUE ET COMPOSITIONS PURIFIEES, ET PROCEDES D'UTILISATION**
[72] TSENG, SCHEFFER, US
[72] HE, HUA, US
[72] LI, WEI, CN
[73] TISSUETECH, INC., US
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[25] EN
[54] **GAS-HEATED GAS-COOLED CRYOPROBE UTILIZING ELECTRICAL HEATING AND A SINGLE GAS SOURCE**
[54] **CRYOSONDE CHAUFFEE ET REFROIDIE PAR DU GAZ UTILISANT UN CHAUFFAGE ELECTRIQUE ET UNE UNIQUE SOURCE DE GAZ**
[72] LEYBIN, YURA, IL
[72] AMIR, URI, IL
[72] BERZAK, NIR, IL
[72] LIVNEH, SHIMON, IL
[72] BLIWEIS, MORDECHAI, IL
[73] GALIL MEDICAL LTD., IL
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[25] EN
[54] **METHOD FOR WASHING SEVOFLURANE STORAGE CONTAINER AND METHOD FOR STORING SEVOFLURANE**
[54] **METHODE DE LAVAGE DE CONTENANT DE STOCKAGE DE SEVOFLURANE ET METHODE DE STOCKAGE DE SEVOFLURANE**
[72] IWAO, KATSUMI, JP
[72] YOSHIMURA, TAKAAKI, JP
[72] OONO, TOSHIHIKO, JP
[72] AKIBA, SHINYA, JP
[72] FUJIWARA, MASAKI, JP
[73] CENTRAL GLASS COMPANY, LIMITED, JP
[86] (2952552)
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[54] **OFFSET SELECTION FOR ERROR CORRECTION DATA**
[54] **SELECTION DE DECALAGE POUR DES DONNEES DE CORRECTION D'ERREUR**
[72] SUBASINGHA, SUBASINGHA SHAMINDA, US
[72] KRISHNAN, VENKATESH, US
[72] RAJENDRAN, VIVEK, US
[72] ATTI, VENKATRAMAN S., US
[72] POLISETTY, CHANDRA MOULI, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-12-15
[86] 2015-06-25 (PCT/US2015/037789)
[87] (WO2016/014211)
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[25] EN
[54] **A METHOD AND A DEVICE FOR DETERMINING A BODY FLUID GLUCOSE LEVEL OF A PATIENT, AND A COMPUTER PROGRAM PRODUCT**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION D'UN TAUX DE GLUCOSE DE FLUIDE CORPOREL D'UN PATIENT ET PRODUIT PROGRAMME D'ORDINATEUR**
[72] SCHMELZEISEN-REDEKER, GUENTHER, DE
[72] SCHMITT, NIKOLAUS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-12-16
[86] 2015-07-16 (PCT/EP2015/066321)
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[25] EN
[54] **HYBRID DOWNHOLE MOTOR WITH ADJUSTABLE BEND ANGLE**
[54] **MOTEUR HYBRIDE DE FOND DE TROU AYANT UN ANGLE DE COURBURE REGLABLE**
[72] SONAR, SANDIP SATISH, CA
[72] GHATGE, VISHWAJIT MANAJIRAO, IN
[72] KATKE, NITINKUMAR PANDURANG, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-17
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[25] EN
[54] **VARIABLE TG ARTICLE, METHOD OF MAKING, AND USE OF SAME**
[54] **OBJET A TG VARIABLE, SON PROCEDE DE FABRICATION ET SON UTILISATION**
[72] JOHNSON, MICHAEL H., US
[72] CARREJO, NICHOLAS, US
[73] BAKER HUGHES INCORPORATED, US
[86] (2956602)
[87] (2956602)
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[25] FR
[54] **DEVICE AND METHOD OF CONTROL OF A CLUTCH BETWEEN THE ENGINE AND THE MAIN TRANSMISSION OF AN AIRCRAFT**
[54] **DISPOSITIF ET METHODE DE COMMANDE D'UN EMBRAYAGE ENTRE LE MOTEUR ET LA BOITE DE TRANSMISSION PRINCIPALE DE PUISSANCE D'UN AERONEF**
[72] DUMUR, GUILLAUME, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2957217)
[87] (2957217)
[22] 2017-02-06
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[25] EN
[54] **METHOD AND SYSTEMS FOR TRANSPORTING BITUMEN IN SOLIDIFIED FORM**
[54] **METHODE ET SYSTEMES DE TRANSPORT DE BITUME SOUS FORME SOLIDIFIEE**
[72] AULD, JAMES, CA
[72] BLEILE, JOHN, CA
[72] NIKOOYEH, KASRA, CA
[72] PREFONTAINE, AMANDA, CA
[72] STANGER, DEREK, CA
[72] WHITE, JESSE, CA
[73] CANADIAN NATIONAL RAILWAY COMPANY, CA
[86] (2958443)
[87] (2958443)
[22] 2017-02-17
[30] US (62/304,589) 2016-03-07
[30] US (62/323,240) 2016-04-15
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[25] EN
[54] **SEED HOPPER FOR SEED METERING SYSTEM HAVING MODULAR SEED METERING UNITS**
[54] **TREMIE DE SEMOIR POUR SYSTEME DE DOSAGE DE SEMENCES DOTE D'UNITES MODULAIRES DE DOSAGE DE SEMENCES**
[72] FRIGGSTAD, TERRANCE A., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2958634)
[87] (2958634)
[22] 2011-07-11
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[54] **COVER SYSTEM**
[54] **SYSTEME DE REVETEMENT**
[72] ALEXANDER, JON, US
[72] PREY, BRADLEY, US
[72] STERWALD, MARK T., US
[72] SHACKLETON, JOHN, US
[73] DOWCO, INC., US
[86] (2958897)
[87] (2958897)
[22] 2017-02-22
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[25] EN
[54] **EXERCISE APPARATUS WITH DIVERGENT/CONVERGENT MOTION ALONG THE SYMMETRIC SEMI ELLIPTICAL ROUTE**
[54] **APPAREIL D'EXERCICE OFFRANT UN MOUVEMENT DIVERGENT/CONVERGENT LE LONG DU PARCOURS SEMI-ELLIPTIQUE SYMETRIQUE**
[72] KIANI, ALI, CA
[73] KIANI, ALI, CA
[86] (2963803)
[87] (2963803)
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[25] EN
[54] **PATIENT REFERENCE TOOL FOR RAPID REGISTRATION**
[54] **OUTIL DE REFERENCE DE PATIENT POUR UNE INSCRIPTION RAPIDE**
[72] SELA, GAL, CA
[72] LUI, DOROTHY, CA
[72] SRIMOHANARAJAH, KIRUSHA, CA
[72] VUONG, THANH VINH, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-04-13
[86] 2015-07-31 (PCT/CA2015/050729)
[87] (WO2016/058088)
[30] CA (PCT/CA2014/050987) 2014-10-14

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[25] EN
[54] **RAIL-MOUNTED DOORS**
[54] **PORTES INSTALLEES SUR UN RAIL**
[72] HUYNH, NGOC L., CA
[73] 1925WORKBENCH LTD., CA
[86] (2964538)
[87] (2964538)
[22] 2017-04-13
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[25] EN
[54] **GAS TESTING UNIT AND METHOD**
[54] **UNITE D'ESSAI DE GAZ ET PROCEDE ASSOCIE**
[72] HEIJSTRA, BJORN DANIEL, US
[72] SIMPSON, SEAN DENNIS, US
[72] BOURDAKOS, NICHOLAS, US
[72] BROMLEY, JASON CARL, US
[72] YAP, KAI-MING, US
[73] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2017-04-20
[86] 2015-10-21 (PCT/US2015/056783)
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[25] EN
[54] **HYDRAULIC CABLE INJECTOR AND METHOD FOR CABLE DEPLOYMENT**
[54] **INJECTEUR DE CABLE HYDRAULIQUE ET PROCEDE DE DEPLOIEMENT DE CABLE**
[72] TAYLOR, ARUNDEL LEON, US
[72] SULLIVAN, MARLIN ROBBERT, US
[72] DELL, DUSTIN MYRON, US
[72] STEWART, KEVIN MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **GLUTATHIONE-BASED DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT A BASE DE GLUTATHIONNE**
[72] GAILLARD, PIETER JAAP, NL
[73] 2-BBB MEDICINES B.V., NL
[86] (2969926)
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[25] EN
[54] **PHOTOVOLTAIC ELECTRICAL STIMULATION DEVICE**
[54] **DISPOSITIF DE STIMULATION ELECTRIQUE PHOTOVOLTAIQUE**
[72] DOGUET, PASCAL, BE
[73] SYNERGIA MEDICAL, BE
[85] 2017-06-09
[86] 2015-02-20 (PCT/EP2015/053585)
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[51] **Int.Cl. E21B 29/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CUTTING A TUBULAR**
[54] **APPAREIL ET METHODE DE COUPE D'UNE TUBULURE**
[72] NESTER, TRAVIS, CA
[72] LELEK, SHAWN, CA
[73] REMUDA ENERGY SOLUTIONS INC., CA
[86] (2971322)
[87] (2971322)
[22] 2017-06-19

[11] **2,973,234**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
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[54] **SYSTEM AND METHOD FOR QUERYING DATA SOURCES**
[54] **SYSTEME ET PROCEDE D'INTERROGATION DE SOURCES DE DONNEES**
[72] KHUONG, SOPHAL, CA
[72] SAVOIE, PATRICK, CA
[73] CASWIL CORPORATION, CA
[85] 2017-07-07
[86] 2016-03-24 (PCT/CA2016/050351)
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[51] **Int.Cl. H01R 4/66 (2006.01) H01R 4/2406 (2018.01) G02B 6/36 (2006.01) G02B 6/44 (2006.01) G02B 6/46 (2006.01)**
[25] EN
[54] **FIBER OPTIC CABLE EXTERNAL SHIELD CONNECTOR**
[54] **CONNECTEUR DE PROTECTION EXTERNE DE CABLE A FIBRE OPTIQUE**
[72] SKOLOZDRA, STEPHEN A., US
[72] BALFOUR, WILLIAM J., US
[72] CARROZZO, JOHN K., US
[73] ELECTRIC MOTION COMPANY, INC., US
[85] 2017-08-02
[86] 2016-02-26 (PCT/US2016/019696)
[87] (WO2016/138341)
[30] US (62/121,590) 2015-02-27

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[51] **Int.Cl. F16L 53/38 (2018.01) F16L 53/30 (2018.01) H05B 1/02 (2006.01) H04W 4/30 (2018.01) G08C 17/02 (2006.01)**
[25] EN
[54] **WIRELESS MODULES WITH POWER CONTROL CIRCUITS FOR HEAT TRACE SYSTEM**
[54] **MODULES SANS FIL AVEC CIRCUITS DE COMMANDE D'ALIMENTATION POUR SYSTEME DE TRACAGE ELECTRIQUE**
[72] CR[illegible]MBIE, MARK, US
[72] HE[illegible]GENSTEIN, ADAM, US
[73] CHROMALOX, INC., US
[85] 2017-08-16
[86] 2016-01-20 (PCT/US2016/014152)
[87] (WO2016/133641)
[30] US (14/626,160) 2015-02-19

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[51] **Int.Cl. B01F 7/00 (2006.01) B01F 7/10 (2006.01)**
[25] EN
[54] **STIRRING DEVICE**
[54] **SYSTEME D'ORGANE D'AGITATION**
[72] MULTNER, BENJAMIN, DE
[72] KELLER, WOLFGANG, FR
[73] EKATO RUHR- UND MISCHTECHNIK GMBH, DE
[85] 2017-08-24
[86] 2016-02-22 (PCT/EP2016/053623)
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[30] DE (10 2015 102 888.3) 2015-02-27

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[25] EN
[54] **A MULTI-CHANNEL OPTICAL COHERENCE TOMOGRAPHY PROBE FOR USE IN A MEDICAL PROCEDURE**
[54] **SONDE DE TOMOGRAPHIE MULTI-CANAL PAR COHERENCE OPTIQUE DESTINEE A ETRE UTILISEE DANS UNE PROCEDURE MEDICALE**
[72] LI, FANGXIN, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-09-07
[86] 2015-09-02 (PCT/IB2015/056669)
[87] (WO2017/037506)

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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/00 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **CONDUIT SYSTEM FOR A PNEUMATIC DISTRIBUTION SYSTEM OF AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME DE CONDUITS POUR SYSTEME DE DISTRIBUTION PNEUMATIQUE D'UNE MACHINE AGRICOLE**
[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[72] MACDONALD, GRANT T., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2980417)
[87] (2980417)
[22] 2013-08-20
[62] 2,823,917
[30] US (13/737,276) 2013-01-09

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[25] EN
[54] **FUEL INJECTION CONTROL DEVICE AND FUEL INJECTION CONTROL METHOD**
[54] **DISPOSITIF DE COMMANDE D'INJECTION DE CARBURANT ET PROCEDE DE COMMANDE D'INJECTION DE CARBURANT**
[72] KODAMA, TAKAYOSHI, JP
[72] INOUE, TAKAO, JP
[72] UCHIDA, RYO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-08
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[25] EN
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[54] **UNE NOUVELLE METHODE COMMERCIALE QUI PERMETTRA L'ELABORATION D'UN SYSTEME D'EDUCATION DURABLE ET ACCESSIBLE**
[72] ELMORE, OMAR, CA
[71] ELMORE, OMAR, CA
[22] 2016-10-31
[41] 2018-04-30

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[13] A1
[51] **Int.Cl. A47G 19/12 (2006.01)**
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[54] **MILK JUG AND METHOD**
[54] **JARRE DE LAIT ET METHODE**
[72] LOCKE, PAUL, CA
[72] DIROMA, ANTONIO, CA
[71] LOCKE, PAUL, CA
[71] DIROMA, ANTONIO, CA
[22] 2016-10-31
[41] 2018-04-30

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[25] EN
[54] **NYSTATIN NANOSUSPENSION FORMULATION USING HIGH PRESSURE HOMOGENISATION**
[54] **FORMULATION DE NANOSUSPENSION DE NYSTATINE EMPLOYANT L'HOMOGENEISATION HAUTE PRESSION**
[72] LECLAIR, GREGOIRE, CA
[72] FRICIU, MARIA MIHAELA, CA
[72] MELKOUMOV, ALEXANDRE, CA
[72] DEBNATH, SMITA, CA
[71] PHARMASCIENCE INC., CA
[22] 2016-10-31
[41] 2018-04-30

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[51] **Int.Cl. G01N 1/22 (2006.01) G01N 1/24 (2006.01) G01N 27/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR VOLATILE ORGANIC COMPOUND (VOC) DETECTION**
[54] **APPAREIL DE DETECTION DE COMPOSE ORGANIQUE VOLATILE (COV)**
[72] HOORFAR, MINA, CA
[72] PAKNAHAD, MOHAMMAD, CA
[72] AHMADI, ALI, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[22] 2016-11-01
[41] 2018-05-01

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[13] A1
[51] **Int.Cl. A43B 5/16 (2006.01) A63C 1/00 (2006.01) A63C 1/02 (2006.01)**
[25] EN
[54] **SKATE**
[54] **PATIN**
[72] CHAMPAGNE, GAETAN, CA
[72] DAUB, DAVID, CA
[72] CHANG, KENT, TW
[71] BAUER HOCKEY CORP., CA
[22] 2016-10-31
[41] 2018-04-30

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[21] **2,947,181**
[13] A1
[51] **Int.Cl. E21C 25/28 (2006.01)**
[25] EN
[54] **TRIM CHAIN ENGAGER ASSEMBLIES FOR A MINING MACHINE**
[54] **MECANISMES D'ENGAGEMENT DE CHAINE DE TAILLE DESTINES A UNE MACHINE D'EXPLOITATION MINIERE**
[72] LUEKE, GARY, CA
[71] 4 WEST MECHANICAL LTD., CA
[22] 2016-11-01
[41] 2018-05-01

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[21] **2,947,214**
[13] A1
[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **PUSH-PULL TYPE FIBER OPTIC CONNECTOR ASSEMBLY**
[54] **DISPOSITIF DE CONNECTEUR DE FIBRE OPTIQUE POUSSER-TIRER**
[72] LEE, JIHH-PING, TW
[71] ALLIANCE FIBER OPTIC PRODUCTS CO., LTD., TW
[22] 2016-11-02
[41] 2018-05-02

[21] **2,947,218**
[13] A1
[51] **Int.Cl. G02B 21/36 (2006.01) G01N 21/13 (2006.01) G01N 21/84 (2006.01) G02B 7/105 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATED SCANNING OF MICROSCOPE SLIDES**
[54] **SYSTEME ET METHODE DE NUMERISATION INSTANTANEE DE LAMELLES DE MICROSCOPE**
[72] GELBART, WILLIAM, CA
[71] MOTIC CHINA GROUP CO., LTD., CN
[22] 2016-11-02
[41] 2018-05-02

[21] **2,947,229**
[13] A1
[51] **Int.Cl. B25H 3/04 (2006.01) B25H 3/00 (2006.01) B25B 13/06 (2006.01)**
[25] EN
[54] **SOCKET HOLDING FRAME**
[54] **CADRE DE MAINTIEN DE DOUILLE**
[72] KAO, JUI-CHIEN, TW
[71] KAO, JUI-CHIEN, CN
[22] 2016-11-02
[41] 2018-05-02

[21] **2,947,230**
[13] A1
[51] **Int.Cl. B65D 30/02 (2006.01) A23L 5/10 (2016.01) A23L 19/00 (2016.01)**
[25] EN
[54] **BARBEQUE VEGI BAGS**
[54] **SACS DE CUISSON DE LEGUMES SUR LE BARBECUE**
[72] TURCOTTE, CAROL A., CA
[71] TURCOTTE, CAROL A., CA
[22] 2016-11-02
[41] 2018-05-02

[21] **2,947,231**
[13] A1
[51] **Int.Cl. E21C 25/28 (2006.01)**
[25] EN
[54] **TRIM CHAIN GUARD ASSEMBLIES FOR A MINING MACHINE**
[54] **PROTECTEUR DE MECANISMES D'ENGAGEMENT DE CHAINE DE TAILLE DESTINES A UNE MACHINE D'EXPLOITATION MINIERE**
[72] LUEKE, GARY, CA
[71] 4 WEST MECHANICAL LTD., CA
[22] 2016-11-02
[41] 2018-05-02

[21] **2,947,256**
[13] A1
[51] **Int.Cl. B05C 21/00 (2006.01)**
[25] EN
[54] **PAINT ROLLER CONNECTABLE TO TRAY**
[54] **ROULEAU A PEINTURE POUVANT ETRE RELIE A UN BAC**
[72] TUZI, LUIGI G., CA
[72] TUZI, LUIGI, CA
[71] TUZI, LUIGI, CA
[22] 2016-11-02
[41] 2018-05-02

[21] **2,947,323**
[13] A1
[51] **Int.Cl. F16L 55/46 (2006.01) B25J 1/04 (2006.01)**
[25] EN
[54] **PIGGING INSERTION AND EXTRACTOR TOOL (PIGSTIK)**
[54] **OUTIL D'INSERTION ET D'EXTRACTION DE RACLEUR (PIGSTIK)**
[72] UNKNOWN, ZZ
[71] RUDE, KIRK, CA
[22] 2016-11-03
[41] 2018-05-03

[21] **2,947,332**
[13] A1
[51] **Int.Cl. B66C 1/64 (2006.01)**
[25] EN
[54] **I-BEAM HANDLING APPARATUS**
[54] **APPAREILLAGE DE MANUTENTION DE POUTRE EN I**
[72] KARIMPANAL, THOMAS, CA
[72] JAKUBOW, ANDRZEJ, CA
[71] WESTERN STEVEDORING COMPANY LIMITED, CA
[22] 2016-11-02
[41] 2018-05-02

[21] **2,947,352**
[13] A1
[51] **Int.Cl. E01C 13/10 (2006.01) E04F 15/02 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **HOCKEY FLOORING TILE**
[54] **CARREAU DE PLANCHER DE JEU DE HOCKEY**
[72] GAUTREAU, CHRIS, CA
[72] CORMIER, JEAN-JACQUES, CA
[71] HOCKEYSHOT INC., CA
[22] 2016-11-03
[41] 2018-05-03

[21] **2,947,357**
[13] A1
[51] **Int.Cl. A47D 13/00 (2006.01) A47C 3/16 (2006.01) A47C 4/54 (2006.01) A63B 26/00 (2006.01) A63B 41/00 (2006.01) A63H 33/00 (2006.01)**
[25] EN
[54] **BABY BOUNCING BALL DEVICE AND METHOD**
[54] **DISPOSITIF DE BALLE REBONDISSANTE POUR BEBE ET METHODE**
[72] LEBLANC, DAVID K., CA
[72] YANG, HUA, CA
[71] LEBLANC, DAVID K., CA
[71] YANG, HUA, CA
[22] 2016-11-03
[41] 2018-05-02
[30] US (15341906) 2016-11-02

[21] **2,947,365**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) C10C 3/00 (2006.01)**
[25] EN
[54] **METHOD OF AND APPARATUS FOR ASPHALTENE COMBUSTION AT THE SAGD CENTRAL PROCESSING FACILITY**
[54] **METHODE ET APPAREIL DE COMBUSTION D'ASPHALTENE DANS UNE INSTALLATION DE TRAITEMENT CENTRAL DE DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR**
[72] CHAN, LUKE, CA
[72] HOOD, RICHARD L., CA
[71] BRIGHTON ENGINEERING SOLUTIONS LTD., CA
[22] 2016-11-03
[41] 2018-05-03

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[13] A1
[51] **Int.Cl. B05D 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR COOLING COATED PIPE**
[54] **APPAREIL ET METHODE DE REFROIDISSEMENT DE CONDUIT REVETU**
[72] BAKER, BRIAN, CA
[71] SHAWCOR LTD., CA
[22] 2016-11-03
[41] 2018-05-03

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[13] A1
[51] **Int.Cl. A23B 7/02 (2006.01) A23L 3/40 (2006.01) B65D 88/02 (2006.01) B65D 90/02 (2006.01) F25D 15/00 (2006.01) F26B 9/06 (2006.01) F26B 21/08 (2006.01) F26B 23/00 (2006.01) F26B 25/06 (2006.01)**
[25] EN
[54] **MOBILE DEHYDRATOR AND METHOD OF USE THEREOF**
[54] **DESHYDRATEUR MOBILE ET METHODE D'UTILISATION ASSOCIEE**
[72] RAMANDEV, JAYA P., CA
[72] WELLE, IAN, CA
[72] CARRINGTON, C. GERRY, NZ
[71] RICH NATURALS INC., CA
[22] 2016-11-01
[41] 2018-05-01

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **AIR SEEDER DISTRIBUTION APPARATUS WITH PURGING AIR**
[54] **APPAREIL DE DISTRIBUTION DE SEMOIR PNEUMATIQUE A PURGEUR D'AIR**
[72] BOURGAULT, GERARD, CA
[72] CRESSWELL, MARK, CA
[72] JAGOW, SCOT, CA
[71] BOURGAULT INDUSTRIES LTD., CA
[22] 2016-11-04
[41] 2018-05-04

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[13] A1
[51] **Int.Cl. B25B 29/00 (2006.01) B25F 5/00 (2006.01)**
[25] EN
[54] **BATTERY PROTECTION POUCH, HEREIN REFERRED TO AS "BPP KIT"**
[54] **POCHETTE DE PROTECTION DE BATTERIE APPELEE « BPP KIT »**
[72] BATYCKI, GREGORY GB, CA
[71] BATYCKI, GREGORY GB, CA
[22] 2016-11-04
[41] 2018-05-04

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[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **HOLD PLATE**
[54] **PLAQUE DE RETENUE**
[72] KARAMI, MOHSEN, CA
[71] KARAMI, MOHSEN, CA
[22] 2016-11-04
[41] 2018-05-04

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[13] A1
[51] **Int.Cl. A61K 31/015 (2006.01) A61P 25/02 (2006.01)**
[25] EN
[54] **ANALGESIC THERAPEUTIC AND METHOD, 1-(3-4(((1R,3S,5S)-ADAMANTAN-1-YL)(PHENYL)METHYL)PROPYL)-4-METHYLPIPERAZINE AND SALTS THEREOF**
[54] **SUBSTANCE THERAPEUTIQUE ANALGESIQUE ET METHODE, 1-(3-4(((1R,3S,5S)-ADAMANTAN-1-YL)(PHENYL)METHYL)PROPYL)-4-METHYLPIPERAZINE ET SELS ASSOCIES**
[72] MISSLING, CHRISTOPHER U., US
[71] MISSLING, CHRISTOPHER U., US
[22] 2016-11-04
[41] 2018-05-01
[30] US (15/340,311) 2016-11-01

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[13] A1
[51] **Int.Cl. B25B 21/02 (2006.01) B25B 19/00 (2006.01)**
[25] EN
[54] **SCREW DRIVING DEVICE FOR USE WITH AN IMPACT DRIVER**
[54] **DISPOSITIF D'ENTRAINEMENT DE VIS DESTINE A UN DISPOSITIF D'ENTRAINEMENT A CHOCS**
[72] RAJOTTE, JACQUES R., CA
[71] RAJOTTE, JACQUES R., CA
[22] 2016-11-04
[41] 2018-05-04

[21] **2,947,625**
[13] A1
[51] **Int.Cl. A61F 2/68 (2006.01) A61F 2/50 (2006.01) A61F 2/60 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **POWERED LOWER LIMB DEVICES AND METHODS OF CONTROL THEREOF**
[54] **APPAREILS ELECTRIQUES DESTINES AUX MEMBRES INFERIEURS ET METHODES DE CONTROLE ASSOCIEES**
[72] QUINN, NATHAN, CA
[72] GRANDMAISON, CHRISTIAN, CA
[72] SENSINGER, JON, CA
[71] QUINN, NATHAN, CA
[71] GRANDMAISON, CHRISTIAN, CA
[71] SENSINGER, JON, CA
[22] 2016-11-03
[41] 2018-05-03

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[13] A1
[51] **Int.Cl. B64C 29/02 (2006.01)**
[25] EN
[54] **FIXED WING VTOL AIRCRAFT**
[54] **AERONEF A DECOLLAGE ET ATTERRISSAGE VERTICAUX A VOILURE FIXE**
[72] WONG, YUK HEI, CA
[71] WONG, YUK HEI, CA
[22] 2016-11-03
[41] 2018-05-03

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[21] **2,947,722**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODIES FOR THE IDENTIFICATION AND CHARACTERIZATION OF ANTIESTROGENS AND SELECTIVE ESTROGEN RECEPTOR MODULATORS**
[54] **ANTICORPS MONOCLONAUX DESTINES A L'IDENTIFICATION ET LA CARACTERISATION D'ANTI-OESTROGENES ET AUX MODULATEURS DE RECEPTEURS D'OESTROGENES SELECTIFS**
[72] WANG, DIANA, CA
[72] DRYHURST, DEANNA, CA
[71] IMMUNOPRECISE ANTIBODIES LTD., CA
[22] 2016-11-04
[41] 2018-05-04

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[21] **2,947,841**
[13] A1
[51] **Int.Cl. F03B 13/26 (2006.01)**
[25] EN
[54] **OCEAN TIDE ELECTRICAL GENERATOR**
[54] **GENERATEUR ELECTRIQUE MAREMOTEUR**
[71] GLENN, CRAIG, CA
[22] 2016-10-31
[41] 2018-04-30

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODIES AND USE THEREOF AS A DIAGNOSTIC TOOL FOR LIMB-GIRDLE MUSCULAR DYSTROPHY**
[54] **ANTICORPS MONOCLONAUX ET UTILISATION ASSOCIEE COMME OUTIL DE DIAGNOSTIC DE LA DYSTROPHIE SCAPULO-HUMERALE**
[72] BEECROFT, ROB, CA
[71] IMMUNOPRECISE ANTIBODIES LTD., CA
[22] 2016-11-04
[41] 2018-05-04

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[13] A1
[51] **Int.Cl. C02F 9/02 (2006.01) C02F 1/00 (2006.01) C02F 1/28 (2006.01) C02F 1/32 (2006.01) C02F 1/44 (2006.01) C02F 9/12 (2006.01)**
[25] EN
[54] **PORTABLE OUTDOOR WATER PURIFIER**
[54] **PURIFICATEUR D'EAU EXTERIEUR PORTATIF**
[72] BECHTOLD, ROBERT, US
[71] B9, PLASTICS, INC., US
[22] 2016-11-16
[41] 2018-04-30
[30] CN (201610931136.3) 2016-10-31

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[13] A1
[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/042 (2006.01)**
[25] EN
[54] **USER INTERFACE DEVICE**
[54] **DISPOSITIF D'INTERFACE UTILISATEUR**
[72] XU, NING, GB
[71] ROLI LIMITED, GB
[22] 2016-12-02
[41] 2018-05-01
[30] US (62/415,799) 2016-11-01

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[13] A1
[51] **Int.Cl. F21S 4/10 (2016.01) F21K 9/00 (2016.01) F21S 4/00 (2016.01) F21V 23/00 (2015.01) F21V 23/02 (2006.01) F21V 25/00 (2006.01)**
[25] EN
[54] **COLORFUL LED LIGHT STRING**
[54] **BANDE D'ECLAIRAGE DEL COLORE**
[72] JANNING, JOHN L., US
[71] JLJ, INC., US
[22] 2016-12-21
[41] 2018-05-02
[30] US (15/341,747) 2016-11-02

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[13] A1
[51] **Int.Cl. A01M 1/08 (2006.01) A01M 1/04 (2006.01) A01M 1/06 (2006.01)**
[25] EN
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[54] **UNE LAMPE AYANT UNE FONCTION DE TUE-MOUCHE**
[72] ZHANG, JIAN, CN
[72] CAMERON, ROBERT BRUCE, US
[71] ZHANG, JIAN, CN
[71] CAMERON, ROBERT BRUCE, US
[22] 2016-12-22
[41] 2018-05-03
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[25] EN
[54] **SECTIONAL SNOW PLOW WITH TRIP EDGE**
[54] **CHASSE-NEIGE SECTIONNEL DOTE D'UN REBORD TRIPLE**
[72] PAONESSA, GINO, CA
[71] ADEPCO TECHNOLOGIES CORP., CA
[22] 2017-02-09
[41] 2018-05-04
[30] US (15/344,260) 2016-11-04

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[51] **Int.Cl. E21D 20/00 (2006.01)**
[25] EN
[54] **GANTRY AND QUICK CONNECT MECHANISM FOR INTERCHANGING DRILLING AND BOLTING ASSEMBLIES AND METHOD OF INTERCHANGING BOLTING ASSEMBLIES**
[54] **MECANISME DE SUPPORT MOBILE A RACCORD RAPIDE DESTINE A L'ECHANGE DE MECANISMES DE FORAGE ET VISSAGE ET METHODE D'ECHANGE DE MECANISMES DE VISSAGE**
[72] NELSON, YVES, CA
[71] NELSON, YVES, CA
[22] 2017-03-13
[41] 2018-04-30
[30] US (62/415,375) 2016-10-31

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[51] **Int.Cl. B64D 47/00 (2006.01) A62B 35/00 (2006.01) B64D 25/06 (2006.01) B64F 5/00 (2017.01) F16P 1/00 (2006.01)**
[25] EN
[54] **ROTORCRAFT FALL RESTRAINT PROTECTION ATTACH POINTS AND MECHANISM SYSTEMS**
[54] **SYSTEMES DE MECANISMES ET POINTS D'ATTACHE DE PROTECTION ANTICHUTE D'UN GIRAVION**
[72] THORNTON, BOB, US
[72] TZENG, CHYAU, US
[72] MESING, BRIAN, US
[72] KNOTT, KEVIN, US
[72] WIINIKKA, MARK, US
[72] RICHARD, EDITH, CA
[72] PLATZ, DAVID, US
[72] EDLER, JOSHUA, US
[72] VILLANUEVA, SARAH, US
[72] MAST, THOMAS, US
[72] LEACHMAN, JOSEPH, US
[72] BURNS, DANIEL JOHN, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-04-04
[41] 2018-05-04
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[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING A VACUUM ARC REMELTING FURNACE BASED ON POWER INPUT**
[54] **SYSTEMES ET METHODES DE CONTROLE D'UN FOUR DE REFONTE A L'ARC SOUS VIDE FONDES SUR L'ENTREE D'ALIMENTATION**
[72] UNDERYS, ALGIRDAS, US
[71] A. FINKL & SONS CO., US
[22] 2017-04-18
[41] 2018-05-01
[30] US (15/340,671) 2016-11-01

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[51] **Int.Cl. C07K 16/18 (2006.01) C12N 5/16 (2006.01) C12P 21/08 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODIES AND USE THEREOF AS A DIAGNOSTIC TOOL FOR LIMB-GIRDLE MUSCULAR DYSTROPHY AND GENETICALLY RELATED DISORDERS**
[54] **ANTICORPS MONOCLONAUX ET UTILISATION ASSOCIEE COMME OUTIL DE DIAGNOSTIC DE LA DYSTROPHIE SCAPULO-HUMERALE ET DES TROUBLES ASSOCIES GENETIQUEMENT**
[72] BEECROFT, ROB, CA
[71] IMMUNOPRECISE ANTIBODIES LTD., CA
[22] 2017-04-20
[41] 2018-05-04
[30] CA (2,947,878) 2016-11-04

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[25] EN
[54] **MONOCLONAL ANTIBODIES FOR THE IDENTIFICATION AND CHARACTERIZATION OF ANTIESTROGENS AND SELECTIVE ESTROGEN RECEPTOR MODULATORS**
[54] **ANTICORPS MONOCLONAUX DESTINES A L'IDENTIFICATION ET LA CARACTERISATION D'ANTI-OESTROGENES ET AUX MODULATEURS DE RECEPTEURS D'OESTROGENES SELECTIFS**
[72] WANG, DIANA, CA
[72] DRYHURST, DEANNA, CA
[71] IMMUNOPRECISE ANTIBODIES LTD., CA
[22] 2017-04-20
[41] 2018-05-04
[30] CA (2,947,722) 2016-11-04

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[51] **Int.Cl. H02S 40/32 (2014.01) H02S 30/00 (2014.01)**
[25] EN
[54] **PHOTOVOLTAIC INVERTER SYSTEM**
[54] **SYSTEME D'INVERSEUR PHOTOVOLTAIQUE**
[72] ZHAO, WEI, CN
[72] MEI, XIAODONG, CN
[72] ZHANG, XIANLI, CN
[72] CHEN, WEI, CN
[72] SHEN, TAN, CN
[72] LI, SHUN, CN
[72] LU, YOU, CN
[71] SUNGROW POWER SUPPLY CO., LTD., CN
[22] 2017-04-26
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[51] **Int.Cl. A47B 97/00 (2006.01) F16P 1/00 (2006.01) G08C 19/00 (2006.01)**
[25] EN
[54] **RACK POST PROTECTION APPARATUS**
[54] **APPAREILLAGE DE PROTECTION DE MONTANT DE SUPPORT**
[72] KIM, JIN OK, KR
[71] KIM, JIN OK, KR
[22] 2017-05-02
[41] 2018-04-30
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[51] **Int.Cl. A47B 97/00 (2006.01) F16P 1/00 (2006.01) G01D 7/12 (2006.01)**
[25] EN
[54] **POLE TYPE PROTECTOR FOR RACK PROTECTION**
[54] **PROTECTEUR DE TYPE POLE DE PROTECTION DE SUPPORT**
[72] KIM, JIN OK, KR
[71] KIM, JIN OK, KR
[22] 2017-05-02
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[51] **Int.Cl. F16C 11/06 (2006.01) F16C 33/04 (2006.01) F16C 33/08 (2006.01)**
[25] EN
[54] **DIRECTIONAL BEARING FOR BALL JOINT**
[54] **ROULEMENT DIRECTIONNEL DE JOINT A ROTULE**
[72] WINTER, SIMON, CA
[72] MCVEIGH, JACK, CA
[72] KEARNS, TYLER, CA
[72] LUIZ, ROSAN, CA
[71] MEVOTECH LP, CA
[22] 2017-05-12
[41] 2018-04-30
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[13] A1
[51] **Int.Cl. F41B 5/10 (2006.01) F41B 5/18 (2006.01)**
[25] EN
[54] **ADJUSTABLE PULLEY ASSEMBLY FOR A COMPOUND ARCHERY BOW**
[54] **ENSEMBLE DE POULIE REGLABLE DESTINE A UN ARC COMPOSE**
[72] OBTESHKA, NICHOLAS C., US
[71] BOWTECH, INC., US
[22] 2017-06-23
[41] 2018-05-02
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[51] **Int.Cl. G01J 3/45 (2006.01)**
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[54] **INTEGRATED FOURIER TRANSFORM OPTICAL SPECTROMETER**
[54] **SPECTROMETRE OPTIQUE A TRANSFORMEE DE FOURIER INTEGREE**
[72] SCOTT, ALAN, CA
[72] PODMORE, HUGH, CA
[71] COM DEV INTERNATIONAL LTD., CA
[22] 2017-07-12
[41] 2018-05-04
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[51] **Int.Cl. B01D 45/12 (2006.01)**
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[54] **CENTRIFUGAL SEPARATOR**
[54] **SEPARATEUR CENTRIFUGE**
[72] PULTER, FILIP, PL
[72] MAZUR, KRYSTIAN, PL
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-07-19
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[51] **Int.Cl. B64D 27/00 (2006.01) B64D 31/00 (2006.01) B64D 35/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUGMENTING A PRIMARY POWERPLANT**
[54] **SYSTEME ET METHODE DE REHAUSSEMENT DE CENTRALE ELECTRIQUE PRIMAIRE**
[72] GOLSHANY, SINA S., US
[72] ERICKSON, TODD W., US
[72] ALDERKS, DEREK R., US
[71] THE BOEING COMPANY, US
[22] 2017-08-02
[41] 2018-05-03
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[51] **Int.Cl. B64D 27/24 (2006.01) B64C 15/02 (2006.01) B64D 31/00 (2006.01) H02P 5/74 (2006.01) H02P 9/00 (2006.01)**
[25] EN
[54] **COMBINED AC AND DC TURBOELECTRIC DISTRIBUTED PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION DISTRIBUEE TURBOELECTRIQUE COMBINEE CA ET CC**
[72] ARMSTRONG, MICHAEL JAMES, US
[72] BLACKWELDER, MARK JON, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-08-10
[41] 2018-05-02
[30] US (15/341,554) 2016-11-02

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[51] **Int.Cl. C08K 5/37 (2006.01) A01N 43/40 (2006.01) A01N 59/16 (2006.01) A01P 1/00 (2006.01) B32B 3/12 (2006.01) B64C 1/38 (2006.01) B64D 29/00 (2006.01) B64G 1/58 (2006.01) C08K 3/08 (2006.01) C08L 101/00 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **MOLD RESISTANT FORMABLE CORK**
[54] **BOUCHON FORMABLE RESISTANT A LA MOISISSURE**
[72] GAW, KEVIN O., US
[72] SHOREY, MARK W., US
[72] RHOE, HOLLY M., US
[71] THE BOEING COMPANY, US
[22] 2017-08-11
[41] 2018-05-04
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[51] **Int.Cl. B64D 11/04 (2006.01) A47C 12/00 (2006.01) B60R 3/02 (2006.01) B62D 25/22 (2006.01) B64C 1/24 (2006.01)**
[25] EN
[54] **ROTATING RETRACTABLE STEP SYSTEM**
[54] **SYSTEME DE MARCHE RETRACTABLE ROTATIVE**
[72] SINGLETON, CHRISTOPHER B., US
[72] LEE, JOSHUA YU-HU, US
[72] COBURN, SCOTT EDWARD, US
[71] THE BOEING COMPANY, US
[22] 2017-08-11
[41] 2018-04-30
[30] US (15/339,138) 2016-10-31

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[51] **Int.Cl. G01B 5/04 (2006.01) G01D 5/12 (2006.01)**
[25] EN
[54] **LENGTH MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE DE LONGUEUR**
[72] PARK, SOO-HONG, KR
[72] KIM, MYUNG JONG, KR
[72] PARK, JUN YOUNG, KR
[71] BAGEL LABS CO., LTD., KR
[22] 2017-08-16
[41] 2018-04-30
[30] KR (10-2016-0143744) 2016-10-31
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[51] **Int.Cl. B64C 11/14 (2006.01) B64D 33/02 (2006.01) F01D 5/02 (2006.01) F02C 7/04 (2006.01)**
[25] EN
[54] **NOSE CONE ASSEMBLY WITHOUT FASTENERS**
[54] **ASSEMBLAGE DE NEZ DE ROTOR SANS FIXATION**
[72] SCOTT, MATTHEW A., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-08-17
[41] 2018-05-03
[30] US (15/342,446) 2016-11-03
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[51] **Int.Cl. B64C 11/14 (2006.01) B64D 33/02 (2006.01) F01D 25/28 (2006.01) F02C 7/04 (2006.01)**
[25] EN
[54] **LOW WEIGHT NOSE CONE ASSEMBLY**
[54] **ASEMBLAGE DE NEZ DE ROTOR LEGER**
[72] SCOTT, MATTHEW A., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-08-17
[41] 2018-05-03
[30] US (15/342,486) 2016-11-03
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[25] EN
[54] **SNAP FIT NOSE CONE ASSEMBLY**
[54] **ASSEMBLAGE DE NEZ DE ROTOR A ENCLENCHEMENT**
[72] SCOTT, MATTHEW A., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-08-17
[41] 2018-05-03
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[25] EN
[54] **WRINKLE CHARACTERIZATION AND PERFORMANCE PREDICTION FOR COMPOSITE STRUCTURES**
[54] **CARACTERISATION DES PLISSEMENTS ET PREDICTION DE RENDEMENT DES STRUCTURES COMPOSITES**
[72] GEORGESON, GARY E., US
[72] BINGHAM, JILL P., US
[72] TAT, HONG HUE, US
[72] WU, YUAN-JYE, US
[72] PRYOR, JOHN M., US
[72] FIENI, SADIE L., US
[72] WINTERS, MARK D., US
[72] MOORE, KATHRYN T., US
[72] KENNEDY, JAMES C., US
[72] LITTLE, CLAYTON M., US
[72] LIN, JOHN Z., US
[71] THE BOEING COMPANY, US
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[41] 2018-04-30
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[51] **Int.Cl. B64F 5/10 (2017.01) B64F 5/50 (2017.01) B66F 3/46 (2006.01) F16M 11/00 (2006.01)**
[25] EN
[54] **FLEXIBLE HYDROSTATICALLY NORMALIZED CRADLE TO SUPPORT FUSELAGE SECTIONS FOR ASSEMBLY**
[54] **BERCEAU SOUPLE NORMALISE HYDROSTATIQUEMENT SERVANT A SUPPORTER DES SECTIONS DE FUSELAGE EN VUE DE L'ASSEMBLAGE**
[72] STONE, PATRICK B., US
[72] RUSSELL, DON, US
[71] THE BOEING COMPANY, US
[22] 2017-08-25
[41] 2018-04-30
[30] US (15/339089) 2016-10-31

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[13] A1
[51] **Int.Cl. H03M 1/66 (2006.01) H04B 7/01 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **HIGH SPEED LOW POWER DIGITAL TO ANALOG UPCONVERTER**
[54] **CONVERTISSEUR NUMERIQUE-ANALOGIQUE A FAIBLE PUISSANCE ET HAUTE VITESSE**
[72] NG, VINCENT T., US
[72] NG, SHARON S., US
[72] WU, SHIHCHANG, US
[72] MARTINEZ, PEDRO A., US
[72] ARAKI, NHUNG T., US
[71] THE BOEING COMPANY, US
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[41] 2018-05-04
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[51] **Int.Cl. B62D 55/08 (2006.01) B62D 55/10 (2006.01)**
[25] EN
[54] **ENDLESS TRACK ASSEMBLY FOR SUPPORTING AN IMPLEMENT OR VEHICLE**
[54] **MECANISME DE COURROIE SANS FIL DESTINE A SUPPORTER UN ACCESSOIRE OU UN VEHICULE**
[72] KAHLIG, SEAN M., US
[71] J. & M. MANUFACTURING CO., INC., US
[22] 2017-09-06
[41] 2018-05-02
[30] US (15/341,299) 2016-11-02

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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **AUTODRILLING CONTROL WITH ANNULUS PRESSURE MODIFICATION OF DIFFERENTIAL PRESSURE**
[54] **COMMANDE D'AUTOFORAGE A MODIFICATION DE PRESSION ANNULAIRE DE PRESSION DIFFERENTIELLE**
[72] VIENS, CHRISTOPHER, US
[72] KRASE, STEPHEN, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2017-09-05
[41] 2018-05-03
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[51] **Int.Cl. F02C 6/08 (2006.01) F01D 9/02 (2006.01) F02C 9/18 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH BLEED SLOTS AND METHOD OF FORMING**
[54] **TURBINE A GAZ A ORIFICES DE PRELEVEMENT ET METHODE DE FORMAGE**
[72] WATSON, GUILHERME, CA
[72] CHOW, BERNARD, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-09-07
[41] 2018-05-02
[30] US (15/341,230) 2016-11-02

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[13] A1
[51] **Int.Cl. G08G 5/02 (2006.01) B64C 13/20 (2006.01) B64D 43/00 (2006.01) B64D 45/04 (2006.01) G01C 23/00 (2006.01) G01S 13/91 (2006.01)**
[25] EN
[54] **FLIGHT CONTROL SYSTEM WITH SYNTHETIC INTERTIAL GLIDESLOPE DEVIATION AND METHOD OF USE**
[54] **SYSTEME DE COMMANDE DE VOL A DEVIATION DE PENTE DE DESCENTE INTERCONNECTEE SYNTHETIQUE ET METHODE D'UTILISATION**
[72] MCLEES, ROBERT E., US
[72] FREEMAN, ROBERT ERIK, US
[72] PANYAKEOW, PRACHYA, US
[71] THE BOEING COMPANY, US
[22] 2017-09-08
[41] 2018-05-01
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[51] **Int.Cl. G01C 25/00 (2006.01)**
[25] EN
[54] **FLIGHT CONTROL SYSTEM WITH LOW-FREQUENCY INSTRUMENT LANDING SYSTEM LOCALIZER ANOMALY DETECTION AND METHOD OF USE**
[54] **SYSTEME DE COMMANDE DE VOL A DETECTION D'ANOMALIE DE LOCALISATEUR D'INSTRUMENT BASSE FREQUENCE DE SYSTEME D'ATTERRISSAGE ET METHODE D'UTILISATION**
[72] MCLEES, ROBERT E., US
[72] HOOKS, ANDREW R., US
[72] PANYAKEOW, PRACHYA, US
[71] THE BOEING COMPANY, US
[22] 2017-09-08
[41] 2018-05-01
[30] US (15/340371) 2016-11-01

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[13] A1
[51] **Int.Cl. G08G 5/02 (2006.01) B64C 13/20 (2006.01) B64D 43/00 (2006.01) B64D 45/04 (2006.01) G01C 23/00 (2006.01) G01S 13/91 (2006.01)**
[25] EN
[54] **FLIGHT CONTROL SYSTEM WITH SYNTHETIC INTERTIAL LOCALIZER DEVIATION AND METHOD OF USE**
[54] **SYSTEME DE COMMANDE DE VOL A DEVIATION DE LOCALISATEUR INTERCONNECTE SYNTHETIQUE ET METHODE D'UTILISATION**
[72] MCLEES, ROBERT E., US
[72] FREEMAN, ROBERT ERIK, US
[72] PANYAKEOW, PRACHYA, US
[71] THE BOEING COMPANY, US
[22] 2017-09-08
[41] 2018-05-01
[30] US (15/340,318) 2016-11-01

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[13] A1
[51] **Int.Cl. E05D 13/00 (2006.01) E05D 15/22 (2006.01) E06B 3/50 (2006.01)**
[25] EN
[54] **GARAGE DOOR NOISE REDUCTION ROLLER ASSEMBLY**
[54] **MECANISME DE ROULEAUX DE REDUCTION DU BRUIT D'UNE PORTE DE GARAGE**
[72] KELLEY, ROBERT A., US
[71] KELLEY, ROBERT A., US
[22] 2017-09-12
[41] 2018-04-30
[30] US (15/338,410) 2016-10-30

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[13] A1
[51] **Int.Cl. B05C 21/00 (2006.01) B05C 17/02 (2006.01)**
[25] EN
[54] **PAINT HOLDER AND/OR PAINT APPLICATOR**
[54] **SUPPORT DE CONTENANT DE PEINTURE OU APPLICATEUR DE PEINTURE**
[72] TUZI, LUIGI, CA
[71] TUZI, LUIGI, CA
[22] 2017-09-18
[41] 2018-05-02
[30] CA (2,947,256) 2016-11-02

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[13] A1
[51] **Int.Cl. B29C 70/46 (2006.01) B64F 5/10 (2017.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01) B64C 3/24 (2006.01)**
[25] EN
[54] **METHODS FOR FORMING A COMPOSITE BLADE STIFFENER AND FACILITATING APPLICATION OF BARELY VISIBLE IMPACT DAMAGE TREATMENTS**
[54] **METHODES DE FORMATION DE RENFORT DE PALE EN COMPOSITE ET FACILITATION D'APPLICATION DE TRAITEMENTS DES DOMMAGES D'IMPACTS TRES PEU VISIBLES**
[72] CARLSON, LISA, US
[72] PHAM, KANNA M., US
[72] SWEETIN, JOSEPH, US
[72] HANSON, GARRETT C., US
[72] REEVES, JAKE ADAM, US
[72] CHAN, CHILIP, US
[72] NGUYEN, KIET, US
[71] THE BOEING COMPANY, US
[22] 2017-09-21
[41] 2018-05-01
[30] US (15/340568) 2016-11-01

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[13] A1
[51] **Int.Cl. B64C 39/02 (2006.01) B64F 5/60 (2017.01) B64D 1/02 (2006.01) G01N 37/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR NON-DESTRUCTIVE TESTING USING AN UNMANNED AERIAL VEHICLE**
[54] **METHODE ET SYSTEME DE TEST NON DESTRUCTIF A L'AIDE D'UN VEHICULE AERIEN SANS PILOTE**
[72] GEORGESON, GARY, US
[72] LEA, SCOTT, US
[72] TROY, JAMES J., US
[71] THE BOEING COMPANY, US
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[41] 2018-04-30
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[54] **CORSET ORTHOMOTEUR APPELE CORSETUP**
[72] GAGNON, ROBERT, CA
[71] GAGNON, ROBERT, CA
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[25] FR
[54] **SERVO, ROTOR AND ASSOCIATED AIRCRAFT**
[54] **SERVOCOMMANDE, ROTOR ET AERONEF ASSOCIES**
[72] COIC, CLEMENT, FR
[72] BIHEL, JEAN-ROMAIN, FR
[72] GROLL, ARNAUD, FR
[71] AIRBUS HELICOPTERS, FR
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[54] **GAMING MACHINE WITH SYMBOL REPLACEMENT**
[54] **MACHINE DE JEU OFFRANT LE REMPLACEMENT DE SYMBOLE**
[72] WORTMANN, JONATHAN BRUCE, AU
[71] PRIDEFIELD LIMITED, IM
[22] 2017-09-27
[41] 2018-04-30
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[25] EN
[54] **FAN MODULE WITH ROTATABLE VANE RING POWER SYSTEM**
[54] **MODULE DE VENTILATEUR DOTE D'UN SYSTEME D'ALIMENTATION DE BAGUE D'AUBE ROTATIF**
[72] SANDS, JONATHAN S., US
[72] KELLER, RICHARD K., US
[71] ROLLS-ROYCE CORPORATION, US
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[25] EN
[54] **LIGHTED WATERFALL DEVICE**
[54] **DISPOSITIF DE CHUTE D'EAU ECLAIREE**
[72] SMITH, XIURONG, US
[72] VOGTNER, ZACHARY T., US
[71] CUSTOM MOLDED PRODUCTS, LLC, US
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[25] EN
[54] **OVERHEAD CONSOLE AND VEHICLE-BODY UPPER STRUCTURE**
[54] **CONSOLE EN SURPLOMB ET STRUCTURE SUPERIEURE DE CORPS DE VEHICULE**
[72] SATO, HARUKO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-10-06
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[54] **GAMING MACHINE WITH NON-WINNING SPIN MULTIPLIER TRAIL**
[54] **MACHINE DE JEU DOTEE D'UNE PISTE DE MULTIPLICATEUR DE TOUR NON GAGNANT**
[72] WORTMANN, JONATHAN BRUCE, AU
[71] PRIDEFIELD LIMITED, IM
[22] 2017-10-10
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[51] **Int.Cl. G07F 17/34 (2006.01)**
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[54] **GAMING MACHINE WITH SYMBOL LOCKING**
[54] **MACHINE DE JEU OFFRANT LE BLOCAGE DE SYMBOLE**
[72] WORTMANN, JONATHAN BRUCE, AU
[71] PRIDEFIELD LIMITED, IM
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[54] **MACHINE DE JEU OFFRANT LE BLOCAGE DE SYMBOLE**
[72] WORTMANN, JONATHAN BRUCE, AU
[71] PRIDEFIELD LIMITED, IM
[22] 2017-10-12
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[54] **BUILDING MULTILAYER UNDERLAYMENTS, RELATED BUILDING ASSEMBLIES AND METHODS**
[54] **SOUS-COUCHES MULTICOUCHES DE CONSTRUCTION, ASSEMBLAGES DE CONSTRUCTION ASSOCIES ET METHODES**
[72] KHAN, AMIR, US
[72] HYER, ROBERT M., US
[71] GARDNER-GIBSON, INC., US
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[54] **FAN MODULE WITH ADJUSTABLE PITCH BLADES AND POWER SYSTEM**
[54] **MODULE DE VENTILATEUR A PALES A PAS AJUSTABLE ET SYSTEME D'ALIMENTATION**
[72] KELLER, RICHARD K., US
[72] SANDS, JONATHAN S., US
[71] ROLLS-ROYCE CORPORATION, US
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[54] **LEG STRAP ASSEMBLY AND SAFETY HARNESS INCLUDING THE SAME**
[54] **ENSEMBLE DE SANGLE DE JAMBE ET HARNAIS COMPORTANT LEDIT ENSEMBLE**
[72] LOPEZ, IVAN D., US
[72] MILLER, ERIC, US
[71] WERNER CO., US
[22] 2017-10-16
[41] 2018-05-04
[30] US (15/343,326) 2016-11-04

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[54] **COMMINUTING PLANT WITH A COMMINUTING MACHINE**
[54] **FRAGMENTATION D'UN VEGETAL AU MOYEN D'UNE MACHINE DE FRAGMENTATION**
[72] NEUFELDT, PATRICK, DE
[72] NOWAK, STEFFEN, DE
[72] NITZSCHNER, MARTIN, DE
[71] TAKRAF GMBH, DE
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[54] **AUTOMATIC BRAKING SYSTEM CONTROLLER**
[54] **CONTROLEUR DE SYSTEME DE FREINAGE AUTOMATIQUE**
[72] WAPENSKI, JOSEPH MICHAEL, US
[72] FORGHANI, NIMA, US
[72] GRIFFITH, THOMAS TODD, US
[71] THE BOEING COMPANY, US
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[54] **RUBAN A MESURER**
[72] ORSINI, ANTONY, US
[72] KIMANI, CHIRAG, US
[72] DELNEO, JOHN, US
[71] STANLEY BLACK & DECKER, INC., US
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[25] EN
[54] **TRUCK CAP WITH REAR LIFT GATE FOR A TRUCK**
[54] **CAPOT DE CAISSE A HAYON ARRIERE DESTINE A UN CAMION**
[72] ROHR, ANDREW N., US
[71] A.R.E. ACCESSORIES, LLC, US
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[54] **ROLL-UP TONNEAU COVER SYSTEM WITH GROOVED SIDE RAILS**
[54] **SYSTEME DE COUVRE-TONNEAU ENROULEUR DOTE DE RAILS LATERAUX RAINURES**
[72] KOENGETER, JOSEPH J., US
[72] SPRAY, LUCAS R., US
[72] COHOON, WILLIAM R., US
[71] RETRAX HOLDINGS, LLC, US
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[25] EN
[54] **TRANSPONDER MODULE FOR DETERMINATION OF A CROSSING TIME IN A MEASURED SYSTEM**
[54] **MODULE DE TRANSPONDEUR DESTINE A DETERMINER UN TEMPS DE CROISEMENT DANS UN SYSTEME MESURE**
[72] GALLI, RETO, CH
[72] CHOFFAT, FREDERIC, CH
[72] ZANETTA, ANDRE, CH
[71] SWISS TIMING LTD., CH
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[54] **LIGHTING AND SENSORY SYSTEM FOR A PULLING TOOL**
[54] **ECLAIRAGE ET SYSTEME CAPTEUR DESTINES A UN OUTIL DE REPECHAGE**
[72] FRETZ, DARREN G., US
[72] AVERILL, BRYAN, US
[72] CHRISTENSEN, KEVIN, US
[72] WENDLER, IAN, US
[72] HERAVI, OLIVER, US
[71] WARN INDUSTRIES, INC., US
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[25] EN
[54] **COMBINING MULTIPLE POOL COMPONENTS**
[54] **COMBINAISON DE PLUSIEURS COMPOSANTES DE PISCINE**
[72] SANCHEZ, MANUEL, US
[71] MAY MANUFACTURING, LLC, US
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[41] 2018-05-01
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[25] EN
[54] **BATTERY SYSTEM OF AN ELECTRIC VEHICLE**
[54] **SYSTEME DE BATTERIE DESTINEE A UN VEHICULE ELECTRIQUE**
[72] GRACE, DUSTIN, US
[72] PEVEAR, BRIAN, US
[71] PROTERRA INC., US
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[25] EN
[54] **LAN TESTING SYSTEM**
[54] **SYSTEME DE TEST DE RESEAU LOCAL**
[72] KENT, PETER, GB
[72] MERCER, IAN, GB
[71] IDEAL INDUSTRIES, INC., US
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[54] **REQUESTING SYSTEM INFORMATION**
[54] **DEMANDE D'INFORMATION SYSTEME**
[72] VUTUKURI, ESWAR, GB
[71] BLACKBERRY LIMITED, CA
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[54] **KERBSTONE AND STOP**
[54] **BORDURE DE CHAUSSEE ET BANDE D'ARRET**
[72] HASCH, WOLFGANG, DE
[72] HASCH, CARSTEN, DE
[71] PROFILBETON GMBH, DE
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[54] **DEVICES AND METHODS FOR CLIENT DEVICE AUTHENTICATION**
[54] **DISPOSITIFS ET METHODES D'AUTHENTIFICATION DE DISPOSITIF CLIENT**
[72] LE SCOUARNEC, NICOLAS, FR
[72] NEUMANN, CHRISTOPH, FR
[72] HEEN, OLIVIER, FR
[71] THOMSON LICENSING, FR
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[54] **COMPOSITIONS D'ENCRE A NANOPARTICULES METALLIQUES DESTINEES AUX APPLICATIONS DE DISPOSITIF ELECTRONIQUE IMPRIME**
[72] LIU, PING, CA
[72] GOREDEMA, ADELA, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[72] VONG, CUONG, CA
[72] MORIMITSU, KENTARO, CA
[72] SONG, GUIQIN, CA
[72] BRETON, MARCEL P., CA
[72] CHRETIEN, MICHELLE N., CA
[71] XEROX CORPORATION, US
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[25] EN
[54] **CIRCUIT BREAKERS WITH METAL ARC CHUTES WITH REDUCED ELECTRICAL CONDUCTIVITY OVERLAY MATERIAL AND RELATED ARC CHUTES**
[54] **DISJONCTEURS A CAGES DE SOUFFLAGE METALLIQUES DOTES DE MATERIAU DE REVETEMENT A CONDUCTIVITE ELECTRIQUE REDUITE ET CAGES DE SOUFFLAGE ASSOCIEES**
[72] COX, JEFFREY MICHAEL, US
[72] LOCKHART, JEFFREY WAYNE, US
[72] LIAS, EDWARD, US
[71] EATON CORPORATION, US
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[54] **DISPOSITIF DE SEPARATION A FAIBLE GRAVITE ETANCHE AU GAZ**
[72] ROSS, STAN, CA
[72] SCALLEY, MATTHEW, CA
[71] RECOVER ENERGY SERVICES INC., CA
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[54] **SUSPENDED LUMINAIRE WITH ELONGATED LENS**
[54] **LUMINAIRE SUSPENDU DOTE D'UNE LENTILLE ALLONGEE**
[72] KAMINSKI, MARK EDWARD, US
[72] PRICE, ALEX KENDALL, US
[72] YON, JEREMY WAYNE, US
[72] WANFONG, DAVID, CA
[72] GERMAIN, STEVE, CA
[72] BUGENSKE, MATTHEW A., US
[71] GE LIGHTING SOLUTIONS, LLC, US
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[25] EN
[54] **REMOTELY CONTROLLED RESCUE SYSTEMS AND ASSOCIATED METHODS AND KITS**
[54] **SYSTEMES DE SAUVETAGE CONTROLES A DISTANCE, ET METHODES ET TROUSSES ASSOCIEES**
[72] JACKSY, ROBERT, US
[71] JACKSY, ROBERT, US
[22] 2017-10-26
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[25] EN
[54] **MANGANESE SCAVENGERS THAT MINIMIZE OCTANE LOSS IN AVIATION GASOLINES**
[54] **DECRASSANT DE MANGANESE QUI MINIMISE LA PERTE D'OCTANE DANS LES ESSENCES AVIATION**
[72] CALDERONE, JOSEPH A., III, US
[72] MCAFEE, ZACHERY J., US
[71] AFTON CHEMICAL CORPORATION, US
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[54] **DISPOSITIF DE RAIL SUPERIEUR**
[72] AUBE, FRANCOIS, CA
[71] TECHNOLOGIE CONTINENTAL RAILWORKS I INC. / CONTINENTAL RAILWORKS TECHNOLOGY I INC., CA
[22] 2017-10-25
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[25] EN
[54] **DYNAMIC SCALE FOR FLAT GOODS TRANSPORTED LYING ON THEIR SIDE, AND CONTROL METHOD OF THE DYNAMIC SCALE**
[54] **BALANCE DYNAMIQUE DESTINEE A DES PRODUITS PLATS TRANSPORTES REPOSANT SUR LE COTE, ET METHODE DE COMMANDE DE LA BALANCE DYNAMIQUE**
[72] GESERICH, FRANK, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
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[54] **HOSE REEL BRAKE APPARATUS**
[54] **APPAREIL DE FREINAGE DE DEVIDOIR**
[72] PRINCE, KENNETH H., CA
[71] CADMAN POWER EQUIPMENT LIMITED, CA
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[54] **OVERTRAVEL HINGE**
[54] **CHARNIERE A DEPASSEMENT DE COURSE**
[72] WOJDYLA, ADAM, US
[71] THE BRAUN CORPORATION, US
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[41] 2018-05-02
[30] US (62/416,246) 2016-11-02
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[25] EN
[54] **WALLED GARDEN SYSTEM WITH CLEARED IPS LIST AUTOMATICALLY GENERATED FROM DNS QUERIES**
[54] **SYSTEME DE JARDIN EMMURE COMPORTANT UNE LISTE D'ADRESSES IP VERIFIEES GENEREE A PARTIR DES REQUETES D'ADRESSAGE PAR DOMAINE**
[72] ONG, DAVID T., CA
[71] GUEST TEK INTERACTIVE ENTERTAINMENT LTD., CA
[22] 2017-10-27
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[30] US (62/415,163) 2016-10-31

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[51] **Int.Cl. G06F 21/55 (2013.01)**
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[54] **FILE-MODIFYING MALWARE DETECTION**
[54] **DETECTION DE MALICIEL MODIFIANT LE FICHIER**
[72] BROWN, DANIEL W., US
[71] CROWDSTRIKE, INC., US
[22] 2017-10-26
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[51] **Int.Cl. E21B 34/02 (2006.01) E21B 33/03 (2006.01) E21B 33/068 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **PORTABLE LUBRICATION UNIT FOR A HYDRAULIC FRACTURING VALVE ASSEMBLY, AND METHOD FOR PRE-PRESSURIZING VALVES**
[54] **MODULE DE LUBRIFICATION PORTABLE DESTINE A UN MECANISME DE VANNE DE FRACTURATION HYDRAULIQUE ET METHODE DE MISE SOUS PRESSION PREALABLE DE VANNES**
[72] KNOTT, CHRISTOPHER M., US
[71] KNOTT, CHRISTOPHER M., US
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[30] US (15/784,655) 2017-10-16
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[13] A1
[51] **Int.Cl. B60L 11/18 (2006.01) B60K 1/04 (2006.01) B60K 15/063 (2006.01) B60K 15/067 (2006.01)**
[25] EN
[54] **FUEL CELL VEHICLE**
[54] **VEHICULE A PILE A COMBUSTIBLE**
[72] NISHIUMI, HIROAKI, JP
[72] TOKUMASU, TATSUYA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[71] TAIHO KOGYO CO., LTD., JP
[22] 2017-10-27
[41] 2018-05-02
[30] JP (2016-214855) 2016-11-02

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[21] **2,984,048**
[13] A1
[51] **Int.Cl. C09D 7/20 (2018.01) C09D 175/04 (2006.01) C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **REDUCING EROSION OF OIL FIELD PUMPING AND TRANSFER EQUIPMENT**
[54] **REDUCTION DE L'EROSION DE L'EQUIPEMENT DE POMPAGE ET DE TRANSFERT D'UN CHAMP PETROLIER**
[72] ZIELINSKI, DAVID P., US
[72] CONNER, MARK D., US
[72] BLANCHARD, WILLIAM ETHAN ALLEN, US
[72] SMITH, NATALEE JO-ANN, US
[71] COVESTRO LLC, US
[22] 2017-10-26
[41] 2018-05-02
[30] US (62/416,342) 2016-11-02
[30] US (15/472,391) 2017-03-29

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[21] **2,984,085**
[13] A1
[51] **Int.Cl. C01B 23/00 (2006.01)**
[25] EN
[54] **HELIUM RECOVERY FROM STREAMS CONTAINING HELIUM, CARBON DIOXIDE, AND AT LEAST ONE OF NITROGEN AND METHANE**
[54] **RECUPERATION D'HELIUM A PARTIR DE FLUX RENFERMANT DE L'HELIUM, DU DIOXYDE DE CARBONE ET AU MOINS UN DE L'AZOTE ET DU METHANE**
[72] PLOEGER, JASON MICHAEL, US
[72] CAO, JIN, US
[72] HIGGINBOTHAM, PAUL, GB
[71] AIR PRODUCTS AND CHEMCIALS, INC., US
[22] 2017-10-27
[41] 2018-05-01
[30] US (15/340,541) 2016-11-01

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[21] **2,984,171**
[13] A1
[51] **Int.Cl. F16K 31/02 (2006.01) E03C 1/05 (2006.01) H01F 7/18 (2006.01)**
[25] EN
[54] **PROXIMITY FAUCET POWER SOURCE DETECTION**
[54] **DETECTION DE SOURCE D'ALIMENTATION DE ROBINET A PROXIMITE**
[72] MORRISH, DAVID PAUL, CA
[72] FISHER, BRYAN, CA
[71] MASCO CANADA LIMITED, CA
[22] 2017-10-30
[41] 2018-04-30
[30] US (62/415,152) 2016-10-31
[30] US (15/791,785) 2017-10-24

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **INTEGRATED SYSTEM FOR PRODUCING PROCEDURAL DATA CHANGE SETS COMMUNICATED TO CLIENT DEVICES**
[54] **SYSTEME INTEGRE DE PRODUCTION D'ENSEMBLES D'ECHANGE DE DONNEES DE PROCEDURE COMMUNIQUEES A DES DISPOSITIFS CLIENTS**
[72] SPEAR, STEVE, US
[72] MORRISON, TONI D., US
[72] PARACCA, COREY, US
[72] DELLA PORTA, ANN M., US
[71] TELETRACKING TECHNOLOGIES, INC., US
[22] 2017-10-30
[41] 2018-04-30
[30] US (15/339,185) 2016-10-31

[21] **2,984,216**
[13] A1
[51] **Int.Cl. B65B 5/00 (2006.01)**
[25] EN
[54] **METHODS AND MACHINE FOR PACKAGING PRIMARY CONTAINERS IN SECONDARY CONTAINERS AND A SHIPPING TRAY**
[54] **METHODES ET MACHINE D'EMBALLAGE DE CONTENANTS PRIMAIRES DANS DES CONTENANTS SECONDAIRES ET UN PLATEAU D'EXPEDITION**
[72] GRAHAM, THOMAS DEAN, US
[72] AGANOVIC, AMER, US
[72] D'ALESIO, CLAUDIO, US
[72] FLAGG, MICHAEL F., US
[71] WESTROCK SHARED SERVICES, LLC, US
[22] 2017-10-30
[41] 2018-04-30
[30] US (62/415166) 2016-10-31

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[13] A1
[51] **Int.Cl. B65G 47/46 (2006.01)**
[25] EN
[54] **CONVEYOR WITH ACCUMULATION TABLE**
[54] **TRANSPORTEUR A COURROIE DOTE D'UNE TABLE D'ACCUMULATION**
[72] ANCA, DAN CONSTANTIN, CA
[71] NJM PACKAGING LLC, US
[22] 2017-10-30
[41] 2018-05-02
[30] US (62/416,460) 2016-11-02

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[21] **2,984,225**
[13] A1
[51] **Int.Cl. A47G 1/10 (2006.01) B44D 3/18 (2006.01) F16B 12/20 (2006.01) F16B 12/46 (2006.01)**
[25] EN
[54] **DEVICE FOR TENSIONING A CANVAS ON A FRAME AND KIT FOR ASSEMBLING A FRAME FOR CANVAS**
[54] **DISPOSITIF DE MISE EN TENSION D'UNE TOILE SUR UN CADRE ET TROUSSE D'ASSEMBLAGE D'UN CADRE POUR UNE TOILE**
[72] ROY, FRANCOIS, CA
[71] ROY, FRANCOIS, CA
[22] 2017-10-30
[41] 2018-04-30
[30] FR (1670647) 2016-10-31
[30] FR (1770089) 2017-01-29
[30] US (15/796,783) 2017-10-28

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[21] **2,984,242**
[13] A1
[51] **Int.Cl. C11D 3/37 (2006.01) C11D 7/32 (2006.01)**
[25] EN
[54] **DETERGENT COMPOSITION COMPRISING A CATIONIC DERIVATIVE OF A POLYSACCHARIDE**
[54] **COMPOSITION DE DETERGENT RENFERMANT UN DERIVE CATIONIQUE DE POLYSACCHARIDE**
[72] RAAIJMAKERS, HARRY, NL
[72] BROOIJMANS, TOM, NL
[72] DE BOER, ROBBERT, NL
[72] MAHMUD, KHALID, NL
[72] MOL, RENE, NL
[71] KONINKLIJKE COOPERATIE COSUN U.A., NL
[71] DALLI-WERKE GMBH & CO. KG, DE
[22] 2017-10-30
[41] 2018-04-30
[30] EP (16196619.7) 2016-10-31

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[13] A1
[51] **Int.Cl. B61D 3/18 (2006.01) B60P 3/08 (2006.01) B61D 3/02 (2006.01)**
[25] EN
[54] **AUTORACK DECK ADJUSTMENTS**
[54] **AJUSTEMENT DE PLATEFORME DE WAGON DE TRANSPORT DE VOITURES**
[72] HUCK, KENNETH W., US
[72] HARKEY, CHRISTOPHER C., US
[72] REITZ, LEE A., US
[72] COSTON, KYLE R., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-10-30
[41] 2018-05-01
[30] CA (62/415,766) 2016-11-01

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[13] A1
[51] **Int.Cl. B64D 35/00 (2006.01) F16H 57/033 (2012.01) B60F 3/00 (2006.01) B60K 17/00 (2006.01) B60K 17/04 (2006.01) B63H 7/02 (2006.01) B63H 23/06 (2006.01) F16H 1/20 (2006.01) F16H 57/04 (2010.01)**
[25] EN
[54] **GEAR DRIVE FOR AIR DRIVEN VEHICLES**
[54] **TRANSMISSION PAR ENGRENAGES DESTINEE A DES VEHICULES A ENTRAINEMENT PNEUMATIQUE**
[72] EAKIN, SHAWN MICHAEL, US
[72] EAKIN, ROBERT CHARLES, US
[71] CENTURY DRIVE SYSTEMS, US
[22] 2017-10-31
[41] 2018-04-30
[30] US (62/415,193) 2016-10-31

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[13] A1
[51] **Int.Cl. B65H 35/07 (2006.01) B65D 83/00 (2006.01) B65D 85/67 (2006.01) B65H 23/08 (2006.01)**
[25] EN
[54] **BRAKE ASSEMBLY FOR A TAPE DISPENSER**
[54] **MECANISME DE FREIN DESTINE A UN DISTRIBUTEUR DE RUBAN**
[72] MURPHY, JOHN G., BB
[71] KITARU INNOVATIONS INC., BB
[22] 2017-11-01
[41] 2018-05-01
[30] US (15/340,381) 2016-11-01

[21] **2,984,267**
[13] A1
[51] **Int.Cl. G16H 40/20 (2018.01) G16H 10/60 (2018.01)**
[25] EN
[54] **PATIENT HANDOFF DEVICE, SYSTEM AND PREDICTIVE METHOD**
[54] **DISPOSITIF DE LIBERATION DE PATIENT, SYSTEME ET METHODE DE PREDICTION**
[72] WEBB, WILLIAM BAXTER, III, US
[72] GONZALEZ, NATHAN CHARLES, US
[72] MCKELVY, RAY ANTHONY, US
[72] FLEMING, KAROL LOCASCIO, US
[72] ROGERS, CAROLINE KERRINS, US
[71] MEDARCHON, INC., US
[22] 2017-11-01
[41] 2018-05-01
[30] US (62/415,736) 2016-11-01

[21] **2,984,268**
[13] A1
[51] **Int.Cl. G01B 21/06 (2006.01) G01B 11/04 (2006.01) G07B 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR LENGTH MEASUREMENT OF A FLAT GOOD IN A GOODS PROCESSING SYSTEM, AND ARRANGEMENT FOR IMPLEMENTATION OF THE METHOD**
[54] **METHODE DE MESURE DE LONGUEUR D'UN PRODUIT PLAT DANS UN SYSTEME DE TRAITEMENT DE MARCHANDISES ET AMENAGEMENT DE MISE EN OEUVRE DE LA METHODE**
[72] GESERICH, FRANK, DE
[72] BAUM, VOLKER, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
[22] 2017-10-31
[41] 2018-05-01
[30] DE (20 2016 106 125.3) 2016-11-01
[30] DE (10 2017 006 270.6) 2017-06-29

[21] **2,984,270**
[13] A1
[51] **Int.Cl. B65H 35/07 (2006.01) B65D 83/00 (2006.01) B65H 23/08 (2006.01)**
[25] EN
[54] **BRAKE ASSEMBLY FOR A TAPE DISPENSER**
[54] **MECANISME DE FREIN DESTINE A UN DISTRIBUTEUR DE RUBAN**
[72] MURPHY, JOHN G., BB
[71] KITARU INNOVATIONS INC., BB
[22] 2017-11-01
[41] 2018-05-01
[30] US (15/340,334) 2016-11-01

[21] **2,984,271**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 50/12 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RESOURCE-AWARE PASTRY CUSTOMIZATION**
[54] **SYSTEME ET METHODE DE PERSONNALISATION DE PATISSERIE FONDEE SUR LES RESSOURCES**
[72] CASTLE, DARRYL C., US
[72] COCHRANE, DEBORAH A., US
[72] WOJCICKI, NICHOLAS A., US
[71] ARYZTA, LLC, US
[22] 2017-10-31
[41] 2018-04-30
[30] US (62/415,421) 2016-10-31

[21] **2,984,273**
[13] A1
[51] **Int.Cl. B65H 35/07 (2006.01) B65D 83/00 (2006.01) B65D 85/67 (2006.01) B65H 23/08 (2006.01)**
[25] EN
[54] **BRAKE ASSEMBLY FOR A TAPE DISPENSER**
[54] **MECANISME DE FREIN DESTINE A UN DISTRIBUTEUR DE RUBAN**
[72] MURPHY, JOHN G., BB
[71] KITARU INNOVATIONS INC., BB
[22] 2017-11-01
[41] 2018-05-01
[30] US (15/340,224) 2016-11-01

[21] **2,984,275**
[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **ELECTRONIC TRADING SYSTEM AND METHOD FOR MUTUAL FUNDS AND EXCHANGE TRADED FUNDS**
[54] **SYSTEME DE NEGOCIATION ELECTRONIQUE ET METHODE DESTINEE AUX FONDS COMMUNS DE PLACEMENT ET AUX FONDS NEGOCIES EN BOURSE**
[72] NIEJADLIK, MICHAEL, CA
[71] TSX INC., CA
[22] 2017-10-31
[41] 2018-05-01
[30] US (62/415725) 2016-11-01

[21] **2,984,277**
[13] A1
[51] **Int.Cl. B65H 35/07 (2006.01) B65D 83/00 (2006.01) B65D 85/67 (2006.01) B65H 23/08 (2006.01)**
[25] EN
[54] **BRAKE ASSEMBLY FOR A TAPE DISPENSER**
[54] **MECANISME DE FREIN DESTINE A UN DISTRIBUTEUR DE RUBAN**
[72] MURPHY, JOHN G., BB
[71] KITARU INNOVATIONS INC., BB
[22] 2017-11-01
[41] 2018-05-01
[30] US (15/340,268) 2016-11-01

[21] **2,984,282**
[13] A1
[51] **Int.Cl. B66D 1/60 (2006.01) H02K 11/30 (2016.01) B66D 1/46 (2006.01) B66D 3/20 (2006.01) B66D 3/26 (2006.01) G08C 17/02 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **WINCH CONTROLLER WITH AUTOMATIC SHUT-OFF, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **COMMANDE DE TREUIL A FERMETURE AUTOMATIQUE, ET SYSTEMES ET METHODES ASSOCIES**
[72] AUGUST, JACOB, US
[72] DENNIS, RON, US
[72] FRAZIER, TIMOTHY, US
[72] MASON, JON, US
[72] SALMON, SCOTT, US
[72] HARGRODER, TY, US
[72] SCUITO, DAVID, US
[72] BURNS, DAVID, US
[72] NASSET, BRENT, US
[71] SUPERWINCH, LLC, US
[22] 2017-10-30
[41] 2018-04-30
[30] US (62/414,915) 2016-10-31
[30] US (15/793,544) 2017-10-25

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[13] A1
[51] **Int.Cl. B66D 1/60 (2006.01) H02K 11/33 (2016.01) B66D 1/46 (2006.01) B66D 3/20 (2006.01) B66D 3/26 (2006.01) G08C 17/02 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **WINCHES WITH DUAL MODE REMOTE CONTROL, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **TREUILS A TELECOMMANDE A DOUBLE MODE, ET SYSTEME ET METHODES ASSOCIES**
[72] AUGUST, JACOB, US
[72] DENNIS, RON, US
[72] FRAZIER, TIMOTHY, US
[72] MASON, JON, US
[72] SALMON, SCOTT, US
[72] HARGRODER, TY, US
[72] SCUITO, DAVID, US
[72] BURNS, DAVID, US
[72] NASSET, BRENT, US
[71] SUPERWINCH, LLC, US
[22] 2017-10-30
[41] 2018-04-30
[30] US (62/414,909) 2016-10-31
[30] US (15/793,451) 2017-10-25

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[13] A1
[51] **Int.Cl. A61K 8/89 (2006.01) A61K 8/35 (2006.01) A61K 8/60 (2006.01) A61K 8/72 (2006.01) A61Q 19/04 (2006.01)**
[25] EN
[54] **SUNLESS TANNING COMPOSITION COMPRISING SOLUBLE AND INSOLUBLE SILICONE-CONTAINING POLYMERS**
[54] **COMPOSITION DE BRONZAGE SANS SOLEIL RENFERMANT DES POLYMERES COMPORTANT DU SILICONE SOLUBLE ET DU SILICONE NON SOLUBLE**
[72] TRUAX JOHNSON, MAXINE, US
[72] FELDMAN, GEORGE FRANKLIN, III, US
[72] PROVO, ANGIE H., US
[72] QADRI, EMILY, US
[71] AUSTRALIAN GOLD, LLC, US
[22] 2017-10-31
[41] 2018-04-30
[30] US (62/496857) 2016-10-31

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[13] A1
[51] **Int.Cl. F16C 33/02 (2006.01) E21B 17/16 (2006.01) F16C 17/02 (2006.01) F16C 35/02 (2006.01)**
[25] EN
[54] **SLEEVES AND A METHOD OF MANUFACTURING SLEEVES FOR ROTATING EQUIPMENT APPLICATIONS**
[54] **MANCHONS ET UNE METHODE DE FABRICATION DE MANCHONS DESTINES A DES APPLICATIONS D'EQUIPEMENT ROTATIF**
[72] DASS, PRADEEP, CA
[71] 1589549 ALBERTA LTD., CA
[22] 2017-11-01
[41] 2018-05-01
[30] US (62/415,637) 2016-11-01

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[21] **2,984,303**
[13] A1
[51] **Int.Cl. G01S 15/89 (2006.01)**
[25] EN
[54] **SONAR MAPPING SYSTEM**
[54] **SYSTEME DE CARTOGRAPHIE PAR SONAR**
[72] PELIN, PER, SE
[72] HARRINGTON, SCOTT ALLEN, US
[71] JOHNSON OUTDOORS INC., US
[22] 2017-10-31
[41] 2018-05-01
[30] US (15/340,777) 2016-11-01

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[21] **2,984,304**
[13] A1
[51] **Int.Cl. H04M 3/436 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATICALLY CONDUCTING RISK ASSESSMENTS FOR TELEPHONY COMMUNICATIONS**
[54] **SYSTEMES ET METHODES DE REALISATION AUTOMATIQUE D'EVALUATIONS DU RISQUE DESTINES A DES COMMUNICATIONS TELEPHONIQUES**
[72] KENT, SEAN J., US
[72] CARTWRIGHT, KEN, US
[72] SINGLA, AMIT, US
[72] MOHAN, SRIKANTH, US
[72] FLORACK, PAUL, US
[71] TRANSACTION NETWORK SERVICES, INC., US
[22] 2017-11-01
[41] 2018-05-01
[30] US (62/415,982) 2016-11-01

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[13] A1
[51] **Int.Cl. E06B 1/52 (2006.01)**
[25] EN
[54] **MODULAR CHANNEL ASSEMBLIES FOR DOORS**
[54] **ASSEMBLAGES DE CANAL MODULAIRE DESTINES A DES PORTES**
[72] RABY, LARRY, US
[72] SHARIFI, GISELE, US
[72] EVERITT, STEVE, US
[71] ASSA ABLOY DOOR GROUP INC., US
[22] 2017-10-31
[41] 2018-05-01
[30] US (62/415,803) 2016-11-01
[30] US (15/793,480) 2017-10-25

[21] **2,984,319**
[13] A1
[51] **Int.Cl. A61K 8/06 (2006.01) A61K 8/30 (2006.01) A61K 8/89 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **SUNSCREEN COMPOSITIONS**
[54] **COMPOSITIONS D'ECRAN SOLAIRE**
[72] JOHNSON, MAXINE, US
[72] PROVO, ANGIE H., US
[72] REBOLLAR, HILLARY LEONORA, US
[72] JOHNSON, PAMELA, US
[72] STEINBROOK, KRISTEN, US
[72] LIEGIBEL, BROOKELYNN, US
[71] AUSTRALIAN GOLD, LLC, US
[22] 2017-10-31
[41] 2018-04-30
[30] US (62/496856) 2016-10-31

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 1/227 (2006.01) A61B 1/233 (2006.01) A61B 1/267 (2006.01) A61B 17/24 (2006.01)**
[25] EN
[54] **RIGID ENT TOOL**
[54] **OUTIL D'ENTREE RIGIDE**
[72] GOVARI, ASSAF, IL
[72] GLINER, VADIM, IL
[72] ALGAWI, YEHUDA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-10-31
[41] 2018-05-01
[30] US (62/415,648) 2016-11-01
[30] US (15/722,329) 2017-10-02

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[13] A1
[51] **Int.Cl. E21B 19/14 (2006.01) E21B 19/15 (2006.01)**
[25] EN
[54] **GROUND HANDLING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DU SOL**
[72] GUPTA, ASHISH, US
[72] PATTERSON, DEREK, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2017-10-27
[41] 2018-05-04
[30] US (62/417,878) 2016-11-04
[30] US (15/794,889) 2017-10-26

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[21] **2,984,359**
[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) H04W 88/02 (2009.01) G06F 3/0481 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING INTERACTIVE HYPERMEDIA GRAPHICAL USER INTERFACES ON A MOBILE DEVICE**
[54] **SYSTEMES ET METHODES SERVANT A GENERER DES INTERFACES UTILISATEUR GRAPHIQUES HYPERMEDIA INTERACTIVES SUR UN APPAREIL MOBILE**
[72] MELVIN, SHAWN, US
[72] SPECTOR, JASON, US
[72] HARBER, JASON, US
[71] MELVIN, SHAWN, US
[71] SPECTOR, JASON, US
[71] HARBER, JASON, US
[22] 2017-10-31
[41] 2018-04-30
[30] US (62/415,127) 2016-10-31

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[21] **2,984,394**
[13] A1
[51] **Int.Cl. B07C 1/04 (2006.01)**
[25] EN
[54] **INDIVIDUALIZATION STATION**
[54] **POSTE D'INDIVIDUALISATION**
[72] MUHL, WOLFGANG, DE
[72] WOLM, DIETER, DE
[72] ORTMANN, AXEL, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
[22] 2017-11-01
[41] 2018-05-01
[30] DE (20 2016 106 124.5) 2016-11-01

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[13] A1
[51] **Int.Cl. F01M 1/04 (2006.01) F01M 1/16 (2006.01) F16N 7/32 (2006.01)**
[25] EN
[54] **FOUR-STROKE ENGINE LUBRICATION SYSTEM**
[54] **SYSTEME DE LUBRIFICATION DE MOTEUR A QUATRE TEMPS**
[72] CHEN, KE, CN
[72] JIANG, TAO, CN
[71] CHONGQING RATO TECHNOLOGY CO., LTD., CN
[22] 2017-10-31
[41] 2018-05-04
[30] CN (201610973285.6) 2016-11-04

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[21] **2,984,398**
[13] A1
[51] **Int.Cl. G01G 19/00 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A DYNAMIC SCALE FOR FLAT GOODS TRANSPORTED LYING ON THEIR SIDE, AND ARRANGEMENT FOR IMPLEMENTATION OF THE METHOD**
[54] **METHODE DE COMMANDE D'UNE BALANCE DYNAMIQUE DESTINEE A DES PRODUITS PLATS TRANSPORTES SUR LE COTE, ET AMENAGEMENT DE MISE EN PLACE DE LA METHODE**
[72] BAUM, VOLKER, DE
[72] GESERICH, FRANK, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
[22] 2017-11-01
[41] 2018-05-01
[30] DE (20 2016 106 125.3) 2016-11-01
[30] DE (10 2016 124 471.6) 2016-12-15

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[13] A1
[51] **Int.Cl. G01N 21/59 (2006.01) G01F 1/74 (2006.01) G01N 21/15 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASUREMENT OF A MATERIAL IN A LIQUID THROUGH ABSORPTION OF LIGHT**
[54] **METHODE ET APPAREIL DE MESURE D'UNE MATIERE DANS UN LIQUIDE PAR ABSORPTION DE LA LUMIERE**
[72] SREEKUMAR, JEYAN, GB
[72] MCBRIDE, KARL, GB
[72] MCGEOWN, NEAL, GB
[71] ADVANCED SENSORS LIMITED, GB
[22] 2017-10-31
[41] 2018-05-01
[30] US (15/340,536) 2016-11-01

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[13] A1
[51] **Int.Cl. F01M 13/04 (2006.01) F01M 1/10 (2006.01) F02F 7/00 (2006.01)**
[25] EN
[54] **CYLINDER HEAD COVER BREATHING SYSTEM**
[54] **SYSTEME DE RESPIRATION DE COUVERCLE DE TETE DE CYLINDRE**
[72] CHEN, KE, CN
[72] ZHIHE, GUANGNAN, CN
[72] BAI, JIAN-GUO, CN
[72] JIANG, TAO, CN
[71] CHONGQING RATO TECHNOLOGY CO., LTD., CN
[22] 2017-10-31
[41] 2018-05-04
[30] CN (201621194429.X) 2016-11-04

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[13] A1
[51] **Int.Cl. F02B 63/00 (2006.01) F01L 1/18 (2006.01) F01M 1/04 (2006.01) F01M 11/04 (2006.01) F01M 11/10 (2006.01)**
[25] EN
[54] **PORTABLE FOUR-STROKE ENGINE**
[54] **MOTEUR A QUATRE TEMPS PORTATIF**
[72] CHEN, KE, CN
[72] ZHIHE, GUANGNAN, CN
[72] BAI, JIAN-GUO, CN
[72] JIANG, TAO, CN
[71] CHONGQING RATO TECHNOLOGY CO., LTD., CN
[22] 2017-10-31
[41] 2018-05-04
[30] CN (201621193541.1) 2016-11-04

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[51] **Int.Cl. C10G 49/02 (2006.01) C10G 29/04 (2006.01) C10G 49/04 (2006.01) C10G 49/06 (2006.01)**
[25] EN
[54] **CATALYTIC STRIPPING**
[54] **DECAPAGE CATALYTIQUE**
[72] MOORE, HOWARD F., US
[71] MARATHON PETROLEUM COMPANY LP, US
[22] 2017-11-01
[41] 2018-05-03
[30] US (62/416,798) 2016-11-03

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[13] A1
[51] **Int.Cl. A61K 31/575 (2006.01) A61P 3/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOSITIONS INCLUDING TRITERPENOID AND USES THEREOF TO TREAT AND PREVENT MITOCHONDRIAL DISEASES AND CONDITIONS**
[54] **COMPOSITIONS THERAPEUTIQUES RENFERMANT UN TRITERPENOIDE ET UTILISATIONS ASSOCIEES EN VUE DE TRAITER ET PREVENIR LES MALADIES MITOCHONDRIALES**
[72] WILSON, D. TRAVIS, US
[71] STEALTH BIOTHERAPEUTICS CORP, KY
[22] 2017-11-01
[41] 2018-05-04
[30] US (62/417,573) 2016-11-04

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[51] **Int.Cl. H05B 3/18 (2006.01) B64D 15/12 (2006.01) H05B 3/20 (2006.01)**
[25] EN
[54] **MULTILAYERED PANELS**
[54] **PANNEAUX MULTICOUCHES**
[72] DARDONA, SAMEH, US
[72] PAHOLSKY, RICHARD J., US
[72] SHEEDY, PAUL, US
[72] PIECH, MARCIN, US
[72] SCHMIDT, WAYDE R., US
[71] GOODRICH CORPORATION, US
[22] 2017-10-31
[41] 2018-05-01
[30] US (15/340,272) 2016-11-01

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[51] **Int.Cl. B65D 21/032 (2006.01) A47B 61/00 (2006.01) A47B 61/04 (2006.01)**
[25] EN
[54] **MODULAR STORAGE CONTAINER**
[54] **CONTENANT DE RANGEMENT MODULAIRE**
[72] ADANUR, BERK B., US
[72] WANG, GIBSON S., US
[72] NGUYEN, FRANK D., US
[71] ADANUR, BERK B., US
[71] WANG, GIBSON S., US
[71] NGUYEN, FRANK D., US
[22] 2017-10-31
[41] 2018-04-30
[30] US (62/414,835) 2016-10-31

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[51] **Int.Cl. G01R 35/00 (2006.01) G01R 31/02 (2006.01)**
[25] EN
[54] **GROUND FAULT TESTER**
[54] **APPAREIL DE TEST DE DEFAUT A LA TERRE**
[72] ZHANG, JINGWANG, US
[71] SIEMENS INDUSTRY, INC., US
[22] 2017-11-02
[41] 2018-05-04
[30] US (15/343,518) 2016-11-04

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[13] A1
[51] **Int.Cl. F16L 47/12 (2006.01) F16L 21/00 (2006.01) F16L 47/22 (2006.01)**
[25] EN
[54] **REINFORCING RING WITH SLEEVE**
[54] **BAGUE DE RENFORT DOTEE D'UN MANCHON**
[72] TWAROSKI, JACOB D., US
[72] BENESH, MICHAEL T., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2017-11-02
[41] 2018-05-04
[30] US (62/417,593) 2016-11-04

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[51] **Int.Cl. E01C 13/10 (2006.01) A63C 19/10 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **HOCKEY FLOORING TILE**
[54] **CARREAU DE PLANCHER DE JEU DE HOCKEY**
[72] GAUTREAU, CHRIS, CA
[72] CORMIER, JEAN-JACQUES, CA
[71] HOCKEYSHOT INC., CA
[22] 2017-11-02
[41] 2018-05-03
[30] CA (2,947,352) 2016-11-03

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[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING APPARATUS WITH TISSUE POCKETS**
[54] **APPAREIL D'AGRAFAGE CHIRURGICAL DOTE DE POCHETTES DE TISSU**
[72] BEARDSLEY, JOHN, US
[71] COVIDIEN LP, US
[22] 2017-11-03
[41] 2018-05-04
[30] US (15/344,091) 2016-11-04

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[13] A1
[51] **Int.Cl. F42B 6/08 (2006.01) F42B 6/02 (2006.01)**
[25] EN
[54] **BROADHEAD DEPLOYMENT/LOCKING SYSTEM AND METHOD**
[54] **SYSTEME DE DEPLOIEMENT ET VERROUILLAGE A TETE LARGE ET METHODE**
[72] BECK, MARK, US
[72] PERRY, DALE, US
[71] BARNETT OUTDOORS, LLC, US
[22] 2017-11-03
[41] 2018-05-04
[30] US (62/417,645) 2016-11-04
[30] US (15/801,537) 2017-11-02

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[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/068 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **STAPLING DEVICE WITH RELEASABLE KNIFE CARRIER**
[54] **APPAREIL D'AGRAFAGE DOTE D'UN PORTE-COUTEAU DEPLOYABLE**
[72] GUERRERA, JOSEPH, US
[71] COVIDIEN LP, US
[22] 2017-11-03
[41] 2018-05-04
[30] US (15/343,995) 2016-11-04

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[13] A1
[51] **Int.Cl. B65H 79/00 (2006.01) B65B 11/00 (2006.01) B65H 20/16 (2006.01)**
[25] EN
[54] **WEB MATERIAL ADVANCEMENT ARRANGEMENT WITH AN ENTRY DRIVE SYSTEM IN A PACKAGING MACHINE**
[54] **ENSEMBLE D'AVANCEMENT DE MATERIAU EN BANDE DOTE D'UN SYSTEME D'ENTRAINEMENT D'ENTREE DANS UNE MACHINE D'EMBALLAGE**
[72] BUCHKO, RAYMOND G., JR., US
[72] GOLLA, RODNEY W., US
[71] CP PACKAGING, INC., US
[22] 2017-11-03
[41] 2018-05-04
[30] US (15/801,566) 2017-11-02
[30] US (62/417,577) 2016-11-04

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[13] A1
[51] **Int.Cl. B64C 1/12 (2006.01) B32B 5/02 (2006.01) B32B 37/00 (2006.01) B64C 3/26 (2006.01)**
[25] EN
[54] **PANEL STRUCTURE FOR AN AIRCRAFT AND MANUFACTURING METHOD THEREOF**
[54] **STRUCTURE DE PANNEAU D'AERONEF ET METHODE DE FABRICATION ASSOCIEE**
[72] TORAL VAZQUEZ, JAVIER, ES
[72] MARTINO GONZALEZ, ESTEBAN, ES
[72] FOLCH CORTES, DIEGO, ES
[72] GOYA ABAURREA, PABLO, ES
[72] FOUINNETAU, MICHEL, FR
[72] ROUMEGAS, SYLVAIN, FR
[72] VOTSIOS, VASILIS, ES
[71] AIRBUS OPERATIONS S.A.S., FR
[71] AIRBUS OPERATIONS, S.L., ES
[22] 2017-11-03
[41] 2018-05-04
[30] EP (16382507.8) 2016-11-04

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **ACTUATABLE SEAT VALVE AND ACTUATORS FOR USE THEREWITH**
[54] **VANNE A SIEGE ACTIONNABLE ET ACTIONNEURS ASSOCIES**
[72] HOLLAN, JEREMY CHARLES COLLIE, CA
[72] HOLLAN, IAIN DOLPHE COLLIE, CA
[71] INTEGRITY WELL COMPLETIONS INC., CA
[22] 2017-11-03
[41] 2018-05-04
[30] US (62/417,422) 2016-11-04

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[13] A1
[51] **Int.Cl. G06F 19/00 (2018.01) G06F 3/14 (2006.01)**
[25] EN
[54] **VIRTUAL REALITY EDITOR**
[54] **EDITEUR DE REALITE VIRTUELLE**
[72] EBACHER, SEBASTIEN, CA
[71] ARNOOVO INC., CA
[22] 2017-11-06
[41] 2018-05-04
[30] US (62/417,680) 2016-11-04
[30] US (15/803,776) 2017-11-04

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[13] A1
[51] **Int.Cl. G10L 17/24 (2013.01) G10L 17/26 (2013.01) G10L 15/00 (2013.01) H04M 3/42 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING CALLER IDENTITY VERIFICATION USING MULTI-STEP VOICE ANALYSIS**
[54] **SYSTEME ET METHODE D'EXECUTION DE LA VERIFICATION D'IDENTITE DE L'APPELANT AU MOYEN D'UNE ANALYSE VOCALE ITERATIVE**
[72] ODINAK, GILAD, US
[72] CARMIEL, YISHAY, US
[71] INTELLISIST, INC., US
[22] 2017-11-06
[41] 2018-05-04
[30] US (62/417,967) 2016-11-04
[30] US (15/803,288) 2017-11-03

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[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01) G06K 9/78 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING SCREEN CAPTURE-BASED SENSITIVE INFORMATION PROTECTION WITHIN A CALL CENTER ENVIRONMENT**
[54] **SYSTEME ET METHODE D'EXECUTION DE PROTECTION DE RENSEIGNEMENTS SENSIBLES FONDEE SUR LA SAISIE D'ECRAN DANS UN ENVIRONNEMENT DE CENTRE D'APPELS**
[72] ODINAK, GILAD, US
[72] CARMIEL, YISHAY, US
[71] INTELLISIST, INC., US
[22] 2017-11-06
[41] 2018-05-04
[30] US (62/417,979) 2016-11-04
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[13] A1
[51] **Int.Cl. A01G 13/00 (2006.01) A01G 7/00 (2006.01) E02B 3/00 (2006.01) E02D 3/00 (2006.01)**
[25] EN
[54] **GEOTEXTILE-BASED STRUCTURE FOR VEGETATIVE GROWTH ENHANCEMENT AND EROSION RESISTANCE**
[54] **STRUCTURE A BASE DE GEOTEXTILE DESTINEE A L'AMELIORATION DE LA CROISSANCE DES VEGETAUX ET LA RESISTANCE A L'EROSION**
[72] MANNING, SCOTT D., US
[72] PIERCE, LEE R., US
[71] PROPEX OPERATING COMPANY, LLC, US
[22] 2018-02-22
[41] 2018-04-30
[30] US (62/558,205) 2017-09-13

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[51] **Int.Cl. B29C 64/393 (2017.01) B29C 64/153 (2017.01)**
[25] EN
[54] **METHOD FOR THREE-DIMENSIONAL SHAPED PRODUCT WITH SETTING SHAPING ANGLE IN UNDERCUT REGION**
[54] **METHODE DESTINEE A UN PRODUIT FORME EN TROIS DIMENSIONS OU L'ANGLE DE FORMATION EST SITUE DANS LA REGION ENCOCHEE**
[72] AMAYA, KOUICHI, JP
[72] KOBAYASHI, JUN, JP
[72] KABESHITA, TATSUYA, JP
[71] MATSUURA MACHINERY CORPORATION, JP
[22] 2018-02-23
[41] 2018-04-30
[30] JP (2017-152542) 2017-08-07

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[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01) E06B 9/322 (2006.01) E06B 9/56 (2006.01)**
[25] EN
[54] **BLIND CONTROL HAVING A NARROW PROFILE DRIVE WITH GEARS BETWEEN THE BLIND ROLL AND WINDOW**
[54] **COMMANDE DE STORE PRESENTANT UN ENTRAINEMENT A PROFIL ETROIT DOTE D'ENGRENAGES ENTRE LE STORE ET LA FENETRE**
[72] MAROCCO, NORBERT, CA
[71] MAXXMAR INC., CA
[22] 2018-02-23
[41] 2018-05-01
[30] CA (2,983,527) 2017-10-24
[30] US (62/576,437) 2017-10-24

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[13] A1
[51] **Int.Cl. H02H 9/00 (2006.01) H01R 13/44 (2006.01)**
[25] EN
[54] **MODULAR, EXCHANGEABLE SURGE PROTECTION SYSTEM**
[54] **SYSTEME DE PARASURTENSEUR ECHANGEABLE, MODULAIRE**
[72] GATTIS, MICHAEL D., US
[71] DIVERSIFIED TECHNOLOGY GROUP, INC., US
[22] 2018-02-26
[41] 2018-05-01
[30] US (62466688) 2017-03-03

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[13] A1
[51] **Int.Cl. B64C 11/02 (2006.01) B64C 27/82 (2006.01)**
[25] EN
[54] **A ROTOR HUB FOR A TAIL ROTOR OF A ROTORCRAFT**
[54] **UN MOYEU DE ROTOR DESTINE A UN ROTOR DE QUEUE D'UN GIRAVION**
[72] KUNTZE-FECHNER, GERALD, DE
[72] VOGL, JULIUS, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
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[41] 2018-05-03
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[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/10 (2016.01) A61B 34/20 (2016.01) A61B 5/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR IDENTIFYING FUNCTIONAL AREAS OF CEREBRAL CORTEX USING OPTICAL COHERENCE TOMOGRAPHY**
[54] **METHODES ET SYSTEMES D'IDENTIFICATION DE ZONES FONCTIONNELLES DU CORTEX CEREBRAL AU MOYEN DE LA TOMOGRAPHIE PAR COHERENCE OPTIQUE**
[72] CHEN, SEAN JY-SHYANG, CA
[72] MAK, SIU WAI JACKY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-08-18
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[87] (2976816)

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[13] A1
[51] **Int.Cl. C22B 60/02 (2006.01) C22B 3/26 (2006.01) C22B 7/00 (2006.01) C22B 59/00 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTING AMERICIUM FROM LIQUID RADIOACTIVE WASTES AND ITS SEPARATION FROM RARE-EARTH ELEMENTS**
[54] **PROCEDE D'EXTRACTION D'AMERICIUM A PARTIR DE DECHETS RADIOACTIFS LIQUIDES ET DE SA SEPARATION DES ELEMENTS DES TERRES RARES**
[72] ALYAPYSHEV, MIHAIL YURIEVICH, RU
[72] BABAIN, VASILY ALEKSANDROVICH, RU
[72] KENF, EKATERINA VLADIMIROVNA, RU
[72] TKACHENKO, LUDMILA IGOREVNA, RU
[72] LOGUNOV, MIHAIL VASILIEVICH, RU
[72] VOROSHILOV, YURIY ARKADIEVICH, RU
[72] HASANOV, RINAT NAILEVICH, RU
[72] SHADRIN, ANDREY YURIEVICH, RU
[72] VIDANOV, VITALIY LVOVICH, RU
[71] STATE ATOMIC ENERGY CORPORATION "ROSATOM" ON BEHALF OF THE RUSSIAN FEDERATION, RU
[85] 2018-01-29
[86] 2015-12-31 (PCT/RU2015/000967)
[87] (WO2016/182472)
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[51] **Int.Cl. F17D 5/04 (2006.01) G01M 3/16 (2006.01)**
[25] EN
[54] **PIPE LEAKAGE DETECTION DEVICE**
[54] **DISPOSITIF POUR DETECTER LES FUITES DANS LES CANALISATIONS**
[72] POSTNIKOV, BORIS ALEKSEEVICH, RU
[72] KAZACHKOVA, ZINAIDA SEMYONOVNA, RU
[72] MISHIN, YEVGENIY BORISOVICH, RU
[72] NIKITINA, YELENA ALEKSANDROVNA, RU
[71] JOINT STOCK COMPANY "ATOMENERGOPROEKT", RU
[71] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS" ("SCIENCE AND INNOVATIONS", JSC), RU
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[86] 2016-05-25 (PCT/RU2016/000316)
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[13] A1
[51] **Int.Cl. B60S 1/04 (2006.01)**
[25] EN
[54] **BATTERY HOUSING**
[54] **LOGEMENT DE BATTERIE**
[72] GUENTHER, ALEXANDER, DE
[72] TOELLER, MARCO, DE
[71] KIRCHHOFF AUTOMOTIVE DEUTSCHLAND GMBH, DE
[85] 2018-01-24
[86] 2017-10-12 (PCT/EP2017/076124)
[87] (2992765)
[30] DE (10 2016 120 828.0) 2016-11-02

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[13] A1
[51] **Int.Cl. G01M 3/28 (2006.01) F16L 1/00 (2006.01)**
[25] EN
[54] **IMPROVED PIPE LINING LEAK TESTING METHODS AND APPARATUS**
[54] **PROCEDES ET APPAREIL D'ESSAI D'ETANCHEITE DE REVETEMENT INTERIEUR DE TUYAU AMELIORES**
[72] BARNES, STEPHEN, GB
[71] PIONEER LINING TECHNOLOGY LIMITED, GB
[85] 2018-02-06
[86] 2016-08-18 (PCT/GB2016/052558)
[87] (WO2017/029507)
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[51] **Int.Cl. A01H 5/02 (2018.01) A01H 5/06 (2018.01) C08L 7/00 (2006.01) C08L 7/02 (2006.01)**
[25] EN
[54] **RUBBER PRODUCING TARAXACUM PLANT**
[54] **PLANTE TARAXACUM PRODUISANT DU CAOUTCHOUC**
[72] VAN DIJK, PETER JOHANNES, NL
[72] SORENSEN, ANKER PREBEN, NL
[71] KEYGENE N.V., NL
[85] 2018-02-27
[86] 2016-09-02 (PCT/NL2016/050613)
[87] (WO2017/039449)
[30] NL (2015396) 2015-09-03

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[51] **Int.Cl. G01K 11/32 (2006.01) G01J 5/00 (2006.01) G01K 1/00 (2006.01) G01K 7/02 (2006.01)**
[25] EN
[54] **TEMPERATURE PROBE**
[54] **SONDE DE TEMPERATURE**
[72] STAPLETON, TERRY M., US
[71] LUMASENSE TECHNOLOGIES HOLDINGS, INC., US
[85] 2018-03-12
[86] 2017-09-20 (PCT/US2017/052510)
[87] (2997985)
[30] US (62/397,135) 2016-09-20

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[13] A1
[51] **Int.Cl. H01M 4/1397 (2010.01) H01M 4/136 (2010.01) C01B 32/956 (2017.01) C01B 32/963 (2017.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ELECTRODE MATERIAL FOR A BATTERY ELECTRODE**
[54] **PROCEDE POUR LA FABRICATION D'UN MATERIAU D'ELECTRODE POUR UNE ELECTRODE DE BATTERIE**
[72] GREULICH-WEBER, SIEGMUND, DE
[71] UNIVERSITAT PADERBORN, DE
[85] 2018-03-13
[86] 2015-11-09 (PCT/EP2015/076088)
[87] (WO2016/078955)
[30] DE (10 2014 116 868.2) 2014-11-18

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[51] **Int.Cl. C01B 32/184 (2017.01) C01B 32/182 (2017.01)**
[25] EN
[54] **METHOD OF FORMING GRAPHENE MATERIAL BY GRAPHITE EXFOLIATION**
[54] **PROCEDE DE FORMATION DE MATERIAU DE GRAPHENE PAR EXFOLIATION DE GRAPHITE**
[72] KOZYUK, OLEG, US
[72] REIMERS, PETER, US
[71] ARISDYNE SYSTEMS, INC., US
[85] 2018-03-16
[86] 2016-09-01 (PCT/US2016/049925)
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[51] **Int.Cl. A23K 20/20 (2016.01) A23K 10/16 (2016.01) A23K 10/30 (2016.01) A23K 20/00 (2016.01) A23K 20/163 (2016.01) A23K 20/174 (2016.01)**
[25] EN
[54] **COMPOSITIONS AND COMBINATIONS FOR USE AS FOOD SUPPLEMENTS FOR ANIMALS**
[54] **COMPOSITIONS ET COMBINAISONS A UTILISER COMME COMPLEMENTS ALIMENTAIRES POUR ANIMAUX**
[72] CALABOTTA, DAVID, US
[72] CHAPMAN, JAMES D., US
[72] COSTIGAN, TIM, US
[72] FORSBERG, NEIL E., US
[72] KNEHANS, WENDELL, US
[72] MCLEAN, DEREK, US
[72] PUNTENNEY, STEVEN B., US
[72] ROWSON, ANGELA D., US
[71] OMNIGEN RESEARCH, LLC, US
[85] 2018-03-20
[86] 2015-10-01 (PCT/US2015/053439)
[87] (WO2016/054338)
[30] US (62/058,461) 2014-10-01

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[51] **Int.Cl. H01M 4/133 (2010.01) H01M 4/1393 (2010.01) H01M 10/052 (2010.01) H01M 10/0569 (2010.01) C01B 32/05 (2017.01) C01B 19/00 (2006.01) C04B 35/528 (2006.01) C04B 41/85 (2006.01)**
[25] EN
[54] **METHOD OF PREPARING AND APPLICATION OF CARBON-SELENIUM COMPOSITES**
[54] **PROCEDE DE PREPARATION ET D'APPLICATION DE COMPOSITES DE CARBONE-SELENIUM**
[72] GUO, YU-GUO, CN
[72] ZHANG, SHUAIFENG, CN
[72] YIN, YAXIA, CN
[71] INSTITUTE OF CHEMISTRY, CHINESE ACADEMY OF SCIENCES, CN
[71] II-VI INCORPORATED, US
[85] 2018-03-21
[86] 2016-09-14 (PCT/US2016/051653)
[87] (WO2017/053144)
[30] CN (201510608018.4) 2015-09-22
[30] US (15/262,407) 2016-09-12

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[13] A1
[51] **Int.Cl. A01G 2/00 (2018.01) A01H 6/20 (2018.01) A01H 5/10 (2018.01)**
[25] EN
[54] **METHOD FOR ENHANCING CROP PERFORMANCE IN BRASSICA**
[54] **PROCEDE D'AMELIORATION DES PERFORMANCES DE RECOLTE CHEZ BRASSICA**
[72] MACDONALD, ROBERT, CA
[72] SLATER, SUSAN, CA
[72] LEWIS, DEREK, CA
[72] GORMAN, JOEL, CA
[71] BAYER CROPSCIENCE INC., CA
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-03-19
[86] 2016-09-16 (PCT/EP2016/072058)
[87] (WO2017/050663)
[30] CA (PCT/CA2015/050935) 2015-09-22

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[51] **Int.Cl. A61K 8/46 (2006.01) A61K 8/22 (2006.01) A61K 8/38 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **HYDROGEN PEROXIDE BOOSTER SYSTEM FOR ENHANCED TEETH WHITENING**
[54] **SYSTEME D'ACCELERATEUR POUR LE PEROXYDE D'HYDROGENE ASSURANT UN BLANCHIMENT DES DENTS AMELIORE**
[72] DOGO-ISONAGIE, CAJETAN, US
[72] XU, GUOFENG, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-04-03
[86] 2015-12-17 (PCT/US2015/066282)
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[51] **Int.Cl. A61K 8/67 (2006.01) A61K 8/49 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **A SKIN LIGHTENING COMPOSITION**
[54] **COMPOSITION D'ECLAIRCISSEMENT DE LA PEAU**
[72] DAMODARAN, ANITA, IN
[72] JOSHI, MANOJ KUMAR, IN
[72] KUNJUPILLAI, BALU, IN
[72] SHARIFF, REZWAN, IN
[71] UNILEVER PLC, GB
[85] 2018-04-04
[86] 2016-10-04 (PCT/EP2016/073617)
[87] (WO2017/060211)
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[25] EN
[54] **COMPOSITION CONTAINING OLEOSOMES OF DIFFERENT SIZE DISTRIBUTION**
[54] **COMPOSITION CONTENANT DES OLEOSOMES PRESENTANT DES REPARTITIONS GRANULOMETRIQUES DIFFERENTES**
[72] DEBON, STEPHANE JULES JEROME, BE
[72] MOELANTS, KATLIJN RENE NICOLETTE, BE
[72] CABAS RODRIGUEZ, LUCIA DE LA CONCEPCION, BE
[72] WASCHATKO, GUSTAV MAXIMILIAN, BE
[71] CARGILL, INCORPORATED, US
[85] 2018-04-05
[86] 2016-10-14 (PCT/US2016/057040)
[87] (WO2017/066569)
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[13] A1
[51] **Int.Cl. C25C 3/14 (2006.01)**
[25] EN
[54] **METHOD AND MEANS FOR APPLICATION OF ANODE COVERING MATERIAL (ACM) IN AN ELECTROLYSIS CELL OF HALL-HEROULT TYPE FOR ALUMINIUM PRODUCTION**
[54] **PROCEDE ET MOYEN POUR L'APPLICATION DE MATERIAU DE REVETEMENT D'ANODE (ACM) DANS UNE CELLULE D'ELECTROLYSE DE TYPE HALL-HEROULT POUR LA PRODUCTION D'ALUMINIUM**
[72] MAGNESEN, JOSTEIN, NO
[72] TEIGEN, PER JOHNNY, NO
[72] HOINES, JAN FRODE, NO
[72] JACOBSEN, ODD ERIK, NO
[72] DYROY, ARE, NO
[72] KARLSEN, MORTEN, NO
[72] CHMELAR, JURAJ, NO
[71] NORSK HYDRO ASA, NO
[85] 2018-04-06
[86] 2016-10-04 (PCT/NO2016/000027)
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[25] EN
[54] **ANTI-PERSPIRANT COMPOSITION**
[54] **COMPOSITION ANTITRANSPIRANTE**
[72] BERRY, MARK JOHN, GB
[72] CHANDLER, IAN CHRISTOPHER, GB
[72] HUNTER, KARL JOHN, GB
[71] UNILEVER PLC, GB
[85] 2018-04-09
[86] 2016-11-07 (PCT/EP2016/076807)
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[30] EP (15193578.0) 2015-11-09

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[51] **Int.Cl. A61K 31/5575 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **USE OF MEDICATIONS WITH NEUROPROTECTIVE PROPERTIES TO PREVENT OR REDUCE THE RISK OF ISCHEMIA-REPERFUSION INJURY IN A SUBJECT**
[54] **UTILISATION DE MEDICAMENTS DOTES DE PROPRIETES NEUROPROTECTRICES POUR LA PREVENTION OU LA REDUCTION DU RISQUE DE LESION D'ISCHEMIE-REPERFUSION CHEZ UN PATIENT**
[72] VRABEC, TAMARA, US
[71] VRABEC, TAMARA, US
[85] 2018-04-09
[86] 2016-10-11 (PCT/US2016/056341)
[87] (WO2017/062974)
[30] US (62/239,639) 2015-10-09
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[25] EN
[54] **RESETTING BIOLOGICAL PATHWAYS FOR DEFENDING AGAINST AND REPAIRING DETERIORATION FROM HUMAN AGING**
[54] **REINITIALISATION DE VOIES BIOLOGIQUES DE DEFENSE CONTRE ET DE REPARATION D'UNE DETERIORATION CAUSEE PAR LE VIEILLISSEMENT HUMAIN**
[72] HUIZENGA, JOEL, US
[71] HUIZENGA, JOEL, US
[85] 2018-04-09
[86] 2016-10-03 (PCT/US2016/055173)
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[30] US (62/238,338) 2015-10-07

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[25] EN
[54] **COMPOSITIONS AND METHODS OF TREATING SKIN FIBROTIC DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE TROUBLES FIBREUX DE LA PEAU**
[72] TANG-LIU, DIANE, US
[72] LIU, TIFFANY, US
[71] TANG-LIU, DIANE, US
[71] LIU, TIFFANY, US
[85] 2018-04-09
[86] 2016-10-07 (PCT/US2016/055865)
[87] (WO2017/062694)
[30] US (62/238,309) 2015-10-07

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[13] A1
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **PYRIMIDINE COMPOSITIONS, ULTRA-PURE COMPOSITIONS AND SALTS THEREOF, METHODS OF MAKING THE SAME, AND METHODS OF USING THE SAME FOR TREATING HISTAMINE H4 RECEPTOR (H4) MEDIATED DISEASES AND CONDITIONS**
[54] **COMPOSITIONS DE PYRIMIDINE, COMPOSITIONS ULTRA-PURES ET SELS ASSOCIES, LEURS PROCEDES DE FABRICATION ET LEURS METHODES D'UTILISATION POUR TRAITER DES MALADIES ET DES TROUBLES MEDIES PAR LE RECEPTEUR DE L'HISTAMINE H4 (H4)**
[72] ZHU, ZHIJIAN, US
[72] BARKER, HELEN, GB
[72] YEADON, MICHAEL, GB
[72] LIU, WAI, GB
[71] NOVARTIS AG, CH
[85] 2018-04-11
[86] 2016-10-25 (PCT/EP2016/075708)
[87] (WO2017/072131)
[30] US (62/246,482) 2015-10-26
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[51] **Int.Cl. A61M 5/165 (2006.01) A61K 31/795 (2006.01) A61K 47/20 (2006.01) A61M 1/34 (2006.01)**
[25] EN
[54] **MULTI-FUNCTIONAL HEMOCOMPATIBLE POROUS POLYMER BEAD SORBENT FOR REMOVING PROTEIN BASED TOXINS AN POTASSIUM FROM BIOLOGICAL FLUIDS**
[54] **SORBANT SOUS FORME DE BILLES POLYMERES POREUSES HEMOCOMPATIBLES MULTIFONCTIONNEL POUR L'ELIMINATION DES TOXINES A BASE DE PROTEINES ET DU POTASSIUM PROVENANT DE LIQUIDES BIOLOGIQUES**
[72] GOLOBISH, THOMAS, US
[72] GRUDA, MARYANN, US
[72] GULIASHVILI, TAMAZ, US
[72] O'SULLIVAN, PAMELA, US
[72] SCHEIRER, ANDREW, US
[72] DAN, VI, US
[72] YOUNG, WEI-TAI, US
[72] CAPPONI, VINCENT, US
[72] CHAN, PHILLIP, US
[71] CYTOSORBENTS CORPORATION, US
[85] 2018-04-11
[86] 2016-10-21 (PCT/US2016/058019)
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[51] **Int.Cl. B65D 51/16 (2006.01) B65D 39/08 (2006.01) F16K 17/19 (2006.01)**
[25] EN
[54] **BUNG PLUG HAVING AN INTEGRATED PRESSURE COMPENSATION MEANS**
[54] **BONDE COMPORTANT UN MECANISME DE COMPENSATION DE PRESSION INTEGRE**
[72] PREE, KARL-HEINZ, DE
[71] PROTECHNA S.A., CH
[85] 2018-04-11
[86] 2016-10-25 (PCT/EP2016/075603)
[87] (WO2017/097485)
[30] DE (20 2015 008 399.4) 2015-12-08

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/53 (2006.01) C07D 207/50 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **2-PHENYL-3,4-DIHYDROPYRROLO[2,1 -F][1,2,4]TRIAZINONE DERIVATIVES AS PHOSPHODIESTERASE INHIBITORS AND USES THEREOF**
[54] **UTILISATION DE DERIVES 2-PHENYL-3,4-DIHYDROPYRROLO[2,1 -F][1,2,4]TRIAZINONE COMME INHIBITEURS DE PHOSPHODIESTERASE ET LEURS UTILISATIONS**
[72] NAEF, RETO, CH
[72] TENOR, HERMANN, DE
[71] TOPADUR PHARMA AG, CH
[85] 2018-04-11
[86] 2016-11-15 (PCT/EP2016/077720)
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[30] EP (15194727.2) 2015-11-16

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[51] **Int.Cl. A61M 35/00 (2006.01) A61J 1/06 (2006.01) B65D 1/09 (2006.01)**
[25] EN
[54] **STORAGE AND DISPENSER DEVICE**
[54] **DISPOSITIF DE STOCKAGE ET DE DISTRIBUTION**
[72] SAUTEREAU, CHRISTOPHE, FR
[71] MERIAL, INC., US
[85] 2018-04-12
[86] 2016-10-21 (PCT/US2016/058010)
[87] (WO2017/070408)
[30] US (62/244,616) 2015-10-21

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[25] EN
[54] **N-[2-(1-BENZYLPIPERIDIN-4-YL)ETHYL]-4-(PYRAZIN-2-YL)-PIPERAZINE-1-CARBOXAMIDE DERIVATIVES AND RELATED COMPOUNDS AS MUSCARINIC RECEPTOR 4 (M4) ANTAGONISTS FOR TREATING NEUROLOGICALDISEASES**
[54] **DERIVES DE N-[2-(1-BENZYLPIPERIDIN-4-YL)ETHYL]-4-(PYRAZIN-2-YL)-PIPERAZINE-1-CARBOXAMIDE ET COMPOSES APPARENTES EN TANT QU'ANTAGONISTES DU RECEPTEUR MUSCARINIQUE 4 (M4) POUR LE TRAITEMENT DE MALADIES NEUROLOGIQUES**
[72] HARRIOTT, NICOLE, US
[72] PAGANO, NICHOLAS, US
[71] NEUROCRINE BIOSCIENCES, INC., US
[85] 2018-04-12
[86] 2016-11-04 (PCT/US2016/060659)
[87] (WO2017/079641)
[30] US (62/252,179) 2015-11-06
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[25] EN
[54] **SENSOR SET**
[54] **ENSEMBLE CAPTEUR**
[72] LARSON, ERIC ALLAN, US
[72] SULLIVAN, ASHLEY N., US
[72] THOMPSON, CHASE A., US
[72] ANTONIO, DAVID C., US
[72] RUELAS, JOSE J., US
[72] LITTLE, MEGAN E., US
[72] BRINSON, JOSEPH P., US
[71] MEDTRONIC MINIMED, INC., US
[85] 2018-04-12
[86] 2016-11-10 (PCT/US2016/061363)
[87] (WO2017/083540)
[30] US (14/938,458) 2015-11-11
[30] US (62/400,987) 2016-09-28
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[51] **Int.Cl. E04F 13/08 (2006.01) E04F 13/14 (2006.01)**
[25] EN
[54] **FLASHING FOR CONCRETE BOARD SIDING**
[54] **SOLIN POUR LAMBRIS DE PLANCHE EN BETON**
[72] DEBUFF, TODD, US
[71] DEBUFF, TODD, US
[85] 2018-04-12
[86] 2016-09-15 (PCT/US2016/051945)
[87] (WO2017/048959)
[30] US (14/857,443) 2015-09-17

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[51] **Int.Cl. C07K 14/71 (2006.01) A61K 38/17 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING FUSION PROTEIN HAVING IGG FC DOMAIN**
[54] **PROCEDE DE PRODUCTION DE PROTEINE DE FUSION PRESENTANT UN DOMAINE FC D'IGG**
[72] PARK, SOON JAE, KR
[72] CHUNG, HYE SHIN, KR
[72] YOU, SUN AH, KR
[72] CHO, JEONG SOO, KR
[71] ALTEOGEN, INC., KR
[85] 2018-04-13
[86] 2016-10-14 (PCT/KR2016/011561)
[87] (WO2017/065559)
[30] KR (10-2015-0144330) 2015-10-15
[30] KR (10-2016-0132633) 2016-10-13

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[25] EN
[54] **ANTI-MICROBIAL AGENT COMPRISING XANTHOHUMOL AND THE USE THEREOF IN FOOD PRODUCTS**
[54] **AGENT ANTIMICROBIEN CONTENANT DU XANTHOHUMOL ET SON UTILISATION DANS DES PRODUITS ALIMENTAIRES**
[72] SLIEKERS, ARNE OLAV, NL
[72] BROOKMEYER, KYLE ROBERT, NL
[72] VERLINDE, CATHERINE JO ANNE-SOPHIE, NL
[71] PURAC BIOCHEM B.V., NL
[85] 2018-04-13
[86] 2016-11-03 (PCT/NL2016/050762)
[87] (WO2017/078521)
[30] EP (15192725.8) 2015-11-03

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[51] **Int.Cl. D07B 1/14 (2006.01) D07B 1/18 (2006.01) F16G 11/14 (2006.01)**
[25] EN
[54] **CABLE WITH A FIRST AND A SECOND THIMBLE AND AT LEAST ONE YARN, AND METHOD FOR PRODUCING AN ENDLESS WINDING CABLE**
[54] **CABLE AVEC UNE PREMIERE ET UNE DEUXIEME COSSE ET AU MOINS UN FIL, ET PROCEDE DE PRODUCTION D'UN CABLE D'ENROULEMENT SANS FIN**
[72] VAN DER SCHUIT, RINZE JAN, NL
[71] CABIN AIR GROUP B.V., NL
[85] 2018-04-13
[86] 2016-11-14 (PCT/NL2016/050793)
[87] (WO2017/086778)
[30] NL (2015822) 2015-11-19

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[51] **Int.Cl. A61F 5/44 (2006.01) A61F 5/441 (2006.01) A61F 5/442 (2006.01) A61F 5/443 (2006.01) A61F 5/445 (2006.01) A61F 5/448 (2006.01)**
[25] EN
[54] **DRAINABLE OSTOMY POUCH**
[54] **POCHE DE STOMIE EVACUABLE**
[72] JONES, JAMES DONALD, US
[72] OBERHOLTZER, GARY, US
[71] CONVATEC TECHNOLOGIES INC., US
[85] 2018-04-13
[86] 2016-10-14 (PCT/US2016/057214)
[87] (WO2017/066701)
[30] US (62/241,716) 2015-10-14

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[13] A1
[51] **Int.Cl. G01N 33/569 (2006.01) G01N 33/543 (2006.01) G01N 33/545 (2006.01) G01N 33/558 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR ANALYTE COLLECTION, EXTRACTION, CONCENTRATION, AND DETECTION FOR CLINICAL APPLICATIONS**
[54] **PROCEDES ET DISPOSITIFS POUR LA COLLECTE, L'EXTRACTION, LA CONCENTRATION, ET LA DETECTION D'ANALYTES POUR DES APPLICATIONS CLINIQUES**
[72] KAMEI, DANIEL T., US
[72] CHIU, YIN TO, US
[72] WU, BENJAMIN M., US
[72] MOSLEY, GARRETT L., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-04-13
[86] 2016-09-02 (PCT/US2016/050257)
[87] (WO2017/041030)
[30] US (62/214,801) 2015-09-04

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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **INTRACELLULAR DELIVERY COMPOUNDS**
[54] **COMPOSES D'ADMINISTRATION INTRACELLULAIRE**
[72] FU, YANWEN, US
[72] JI, HENRY, US
[72] LEE, HEEHYOUNG, US
[72] LALASO, INGALE SAMPAT, US
[72] KAUFMANN, GUNNAR JORG FLORIS, US
[71] SORRENTO THERAPEUTICS, INC., US
[85] 2018-04-13
[86] 2016-10-19 (PCT/US2016/057576)
[87] (WO2017/070133)
[30] US (62/244,176) 2015-10-20
[30] US (62/327,130) 2016-04-25
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[13] A1
[51] **Int.Cl. F41J 11/00 (2009.01)**
[25] EN
[54] **MODULAR SHOOTING RANGE**
[54] **CHAMP DE TIR MODULAIRE**
[72] MOERLAND, JELLE, NL
[72] DORTLAND, RAMSES, NL
[72] PONSEN, ARIE, NL
[71] INGENIEURSBUREAU EN TECHNISCHE HANDELSONDERNEMING AUTRON B.V., NL
[85] 2018-04-16
[86] 2015-10-16 (PCT/EP2015/074035)
[87] (WO2016/059221)
[30] NL (2013641) 2014-10-16

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/20 (2011.01)**
[25] EN
[54] **PRE-IMPLANTATION GENETIC SCREENING AND ANEUPLOIDY DETECTION**
[54] **CRIBLAGE GENETIQUE DE PRE-IMPLANTATION ET DETECTION D'ANEUPLOIDIE**
[72] PORRECA, GREGORY, US
[71] GOOD START GENETICS, INC., US
[85] 2018-04-16
[86] 2015-10-16 (PCT/US2015/056037)
[87] (WO2016/061514)
[30] US (62/065,322) 2014-10-17

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[51] **Int.Cl. F16L 5/00 (2006.01) F16B 19/10 (2006.01) F16L 41/00 (2006.01) F16L 41/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A HOSE CONNECTION WITH PRESSURE MEASURING POINT FORA PRESSURE SENSOR**
[54] **METHODE DE PRODUCTION D'UN RACCORD DE TUYAU DOTE D'UN POINT DE MESURE DE PRESSION DESTINE A UN CAPTEUR DE PRESSION**
[72] DOPPE, MATTHIAS, DE
[72] KLINGLER, ANDREAS, DE
[72] KOLB, PETER, DE
[71] ESTA APPARATEBAU GMBH & CO. KG, DE
[85] 2018-04-10
[86] 2016-11-03 (PCT/DE2016/100519)
[87] (WO2017/076394)
[30] DE (10 2015 119 086.9) 2015-11-06

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[51] **Int.Cl. C09K 8/36 (2006.01) B01F 17/00 (2006.01) C09K 8/502 (2006.01) C09K 8/565 (2006.01) C09K 8/64 (2006.01) C09K 8/82 (2006.01)**
[25] EN
[54] **HYDROCARBON-FREE EMULSIFIER**
[54] **EMULSIFIANT EXEMPT D'HYDROCARBURES**
[72] VILLAREAL, QUENTON CHRISTOPHER, US
[72] BALESTRINI, ANDREA, US
[72] MAKIAH, SAMA NAZAR, US
[72] PEGORARI, BRUNO, BR
[72] FLORIDI, GIOVANNI, IT
[72] LI BASSI, GIUSEPPE, IT
[71] LAMBERTI SPA, IT
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[25] FR
[54] **DEVICE FOR CONTAINING A GAS LEAK IN A REGION OF A PIPE WITH A CHANGE IN DIAMETER**
[54] **DISPOSITIF DE CONFINEMENT D'UNE FUITE D'UN GAZ AU NIVEAU D'UNE ZONE DE CHANGEMENT DE DIAMETRE D'UN CONDUIT**
[72] CHARON, ROMAIN, FR
[71] IRCAMEX, FR
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[54] **HEAT-BONDED POROUS STRUCTURES FROM RECYCLED PLASTICS AND METHODS FOR MAKING**
[54] **STRUCTURES POREUSES THERMOCOLLEES PRODUITES A PARTIR DE MATIERES PLASTIQUES RECYCLEES ET LEURS PROCEDES DE FABRICATION**
[72] CRAVEN, ROBIN JOHN, GB
[72] GRINDROD, JOHN, GB
[71] TEN CATE THIOLON B.V., NL
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[25] FR
[54] **NICKEL-BASED CATALYTIC COMPOSITION IN THE PRESENCE OF A SPECIFIC ACTIVATOR AND USE THEREOF IN A OLEFIN OLIGOMERISATION METHOD**
[54] **COMPOSITION CATALYTIQUE A BASE DE NICKEL EN PRESENCE D'UN ACTIVATEUR SPECIFIQUE ET SON UTILISATION DANS UN PROCEDE D'OLIGOMERISATION DES OLEFINES**
[72] BREUIL, PIERRE-ALAIN, FR
[72] PELLIER, EMMANUEL, FR
[71] IFP ENERGIES NOUVELLES, FR
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[54] **AMPHIPHILIC BLOCK POLYMERS SOLUBLE IN STRONGLY SALINE MEDIUM**
[54] **POLYMERES SEQUENCES AMPHIPHILES SOLUBLES EN MILIEU FORTEMENT SALIN**
[72] WILSON, DAVID JAMES, FR
[72] MORVAN, MIKEL, FR
[72] CHABERT, MAX, FR
[72] CADIX, ARNAUD, FR
[71] RHODIA OPERATIONS, FR
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[51] **Int.Cl. A47J 27/08 (2006.01) A47J 27/086 (2006.01) A47J 27/62 (2006.01)**
[25] FR
[54] **METHOD FOR CONTROLLING A COOKING APPARATUS AND COOKING APPARATUS FOR IMPLEMENTING SUCH A METHOD**
[54] **PROCEDE DE COMMANDE D'UN APPAREIL DE CUISSON ET APPAREIL DE CUISSON POUR LA MISE EN OEUVRE D'UN TEL PROCEDE**
[72] GOYON, ANNABELLE, FR
[71] SEB S.A., FR
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[25] EN
[54] **SIDE BREAK AIR SWITCH WITH ANTI-ROLLING BLADE LOCK**
[54] **DISJONCTEUR A L'AIR LIBRE A RUPTURE LATERALE A VERROU DE LAME ANTIROULIS**
[72] RHEIN, DAVID ADELBERT, US
[72] LOUCKS, NATHAN SCOT, US
[71] HUBBELL INCORPORATED, US
[85] 2018-04-16
[86] 2016-10-14 (PCT/US2016/056971)
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[51] **Int.Cl. F21V 21/34 (2006.01)**
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[54] **MODULAR BAY LUMINAIRE**
[54] **APPAREIL D'ECLAIRAGE DE BAIE MODULAIRE**
[72] BRANNON, DEREK, US
[72] HOLSCHER, THOMAS, US
[72] ENGLE, JOSEPH, US
[71] HUBBELL INCORPORATED, US
[85] 2018-04-16
[86] 2016-10-14 (PCT/US2016/057146)
[87] (WO2017/066642)
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[25] EN
[54] **MODULAR HIGHBAY LUMINAIRE**
[54] **LUMINAIRE MODULAIRE A TRES GRANDE HAUTEUR**
[72] BRANNON, DEREK, US
[72] HOLSCHER, THOMAS, US
[72] ENGLE, JOSEPH, US
[71] HUBBELL INCORPORATED, US
[85] 2018-04-16
[86] 2016-10-14 (PCT/US2016/057175)
[87] (WO2017/066666)
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[51] **Int.Cl. A62C 3/02 (2006.01) A62C 3/00 (2006.01) B64C 39/02 (2006.01) B64D 1/00 (2006.01) B64D 1/02 (2006.01)**
[25] EN
[54] **FIRE SUPPRESSION AND IGNITION WITH UNMANNED AERIAL VEHICLES**
[54] **EXTINCTION ET ALLUMAGE D'INCENDIE AVEC DES VEHICULES AERIENS SANS PILOTE**
[72] DETWEILER, CARRICK, US
[72] ELBAUM, SEBASTIAN, US
[72] HIGGINS, JAMES, US
[72] LANEY, CHRISTIAN, US
[72] ALLEN, CRAIG, US
[72] TWIDWELL, DIRAC, US
[72] BEACHLY, EVAN MICHAEL, US
[71] NUTECH VENTURES, US
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[51] **Int.Cl. B60D 1/02 (2006.01) B60D 1/28 (2006.01)**
[25] EN
[54] **DRAWBAR ASSEMBLY WITH PIN EJECTOR MECHANISM**
[54] **ENSEMBLE BARRE D'ATTELAGE AVEC MECANISME D'EJECTEUR DE GOUPILLE**
[72] HRUSKA, DEREK, US
[72] SHAW, MATTHEW, US
[71] AGCO CORPORATION, US
[85] 2018-04-16
[86] 2016-10-25 (PCT/US2016/058616)
[87] (WO2017/078971)
[30] US (62/250,619) 2015-11-04

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[51] **Int.Cl. A63B 60/06 (2015.01) A63B 59/70 (2015.01) A63B 69/00 (2006.01)**
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[54] **ERGONOMIC KNOB INSERT FOR HOLLOW STICK**
[54] **INSERT FORMANT POMMEAU ERGONOMIQUE POUR BATON CREUX**
[72] PHELAN, GERALD LEO, JR., US
[71] PROXR LLC, US
[85] 2018-04-13
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[25] EN
[54] **ELECTRICAL BOX CABLE CONNECTOR**
[54] **CONNECTEUR DE CABLE ELECTRIQUE**
[72] KORCZ, KRZYSZTOF, US
[72] JOHNSON, STEVEN, US
[71] HUBBELL INCORPORATED, US
[85] 2018-04-16
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[25] EN
[54] **VISCOUS DAMPER ASSEMBLY HAVING LOCKOUT FUNCTION**
[54] **ENSEMBLE AMORTISSEUR VISQUEUX AYANT UNE FONCTION DE VERROUILLAGE**
[72] RUAN, SHUBIN, US
[71] ITT MANUFACTURING ENTERPRISES LLC, US
[85] 2018-04-16
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR ACTIVATING "STIMULATOR OF INTERFERON GENE"-DEPENDENT SIGNALLING**
[54] **COMPOSITIONS ET PROCEDES D'ACTIVATION DE LA SIGNALISATION DEPENDANTE DE « STIMULATEUR DE GENES D'INTERFERON »**
[72] KATIBAH, GEORGE EDWIN, US
[72] KANNE, DAVID, US
[72] SUNG, LEONARD, US
[72] GAUTHIER, KELSEY, US
[72] GLICKMAN, LAURA HIX, US
[72] LEONG, JUSTIN, US
[72] MCWHIRTER, SARAH M., US
[72] DUBENSKY, THOMAS W., US
[72] MCKENNA, JEFFREY, US
[72] CANHAM, STEPHEN M., US
[72] NDUBAKU, CHUDI OBIOMA, US
[71] ADURO BIOTECH, INC., US
[71] NOVARTIS AG, CH
[85] 2018-04-16
[86] 2016-10-28 (PCT/US2016/059506)
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[25] EN
[54] **SINGLE DOMAIN ANTIBODIES DIRECTED AGAINST INTRACELLULAR ANTIGENS**
[54] **ANTICORPS A DOMAINE UNIQUE DIRIGES CONTRE DES ANTIGENES INTRACELLULAIRES**
[72] SINGH, SUNANDA, US
[71] SINGH BIOTECHNOLOGY, LLC, US
[85] 2018-04-16
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[51] **Int.Cl. E21B 29/02 (2006.01) E21B 43/26 (2006.01) E21B 43/263 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR SPATIALLY-ORIENTED CHEMICALLY-INDUCED PULSED FRACTURING IN RESERVOIRS**
[54] **PROCEDES ET APPAREIL DE FRACTURATION PULSEE CHIMIQUEMENT INDUITE ET ORIENTEE SPATIALEMENT DANS DES RESERVOIRS**
[72] AL-NAKHLI, AYMAN R., SA
[72] BATARSEH, SAMEEH I., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-04-16
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[54] **RECONFIGURABLE MELT DELIVERY SYSTEM**
[54] **SYSTEME D'ACHEMINEMENT DE MASSE FONDUE RECONFIGURABLE**
[72] CRONIN, RICHARD CHARLES, US
[72] EIGLER, FRANK JOSEPH, CA
[71] DME COMPANY LLC, US
[85] 2018-04-16
[86] 2016-11-10 (PCT/US2016/061356)
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[25] EN
[54] **COMPOSTING WATER HEATER AND METHOD OF HEATING WATER WITH COMPOST**
[54] **CHAUFFE-EAU A COMPOSTAGE ET PROCEDE DE CHAUFFAGE D'EAU PAR DU COMPOST**
[72] LOGGIA, ROSARIO, CA
[72] CARDINALE, CLAUDIO, CA
[72] CARDINALE, ALFI, CA
[71] MEDIA K-PLUS INC./K-PLUS MEDIA INC., CA
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[54] **BIOSENSING GARMENT**
[54] **VETEMENT A BIOCAPTEURS**
[72] NURKKA, MARIA ELINA, CA
[72] DUMONT, THIERRY, CA
[72] FORTIER-POISSON, PASCAL, CA
[72] BEGRICHE, ALDJIA, CA
[72] LAZEMI, PAYAM, CA
[71] OMSIGNAL INC., CA
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[51] **Int.Cl. F03B 17/06 (2006.01)**
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[54] **DEVICE FOR CONVERTING THE KINETIC ENERGY OF WAVES, WATER FLOWS OR WIND INTO MECHANICAL ENERGY**
[54] **DISPOSITIF POUR CONVERTIR L'ENERGIE CINETIQUE D'UN FLUX DES VAGUES, DE VENT OU DE COURS D'EAU EN ENERGIE MECANIQUE DE ROTATION**
[72] DORIA IRIARTE, JOSE JAVIER, ES
[71] ARRECIFE ENERGY SYSTEMS S.L., ES
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[25] FR
[54] **HYDRAULIC COMPOSITION HAVING IMPROVED CARBONATION RESISTANCE**
[54] **COMPOSITION HYDRAULIQUE PRESENTANT UNE RESISTANCE A LA CARBONATATION AMELIOREE**
[72] JACQUEMIN, ALEXANDRE, FR
[72] HOANG, LE-CHIEN, FR
[72] BARBARULO, REMI, FR
[71] HOLCIM TECHNOLOGY LTD, CH
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[51] **Int.Cl. F42B 3/12 (2006.01) F42D 1/055 (2006.01)**
[25] FR
[54] **ELECTRONIC DETONATOR FIRING METHOD, AND ELECTRONIC DETONATOR**
[54] **PROCEDE DE MISE A FEU D'UN DETONATEUR ELECTRONIQUE ET DETONATEUR ELECTRONIQUE**
[72] GUYON, FRANCK, FR
[71] DAVEY BICKFORD, FR
[85] 2018-04-17
[86] 2016-11-02 (PCT/FR2016/052829)
[87] (WO2017/077228)
[30] FR (1560578) 2015-11-04

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[51] **Int.Cl. D05B 55/14 (2006.01) D05B 57/30 (2006.01) D05B 69/00 (2006.01)**
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[54] **SEWING SYSTEM**
[54] **INSTALLATION DE COUTURE**
[72] KALLENBACH, HARALD, DE
[72] KEILMANN, ROBERT, DE
[71] PFAFF INDUSTRIESYSTEME UND MASCHINEN GMBH, DE
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[30] DE (10 2015 220 332.8) 2015-10-19

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[25] EN
[54] **METHOD AND SYSTEM FOR PREPARING A LEAN METHANE-CONTAINING GAS STREAM**
[54] **PROCEDE ET SYSTEME DE PREPARATION D'UN FLUX DE GAZ PAUVRE EN METHANE**
[72] ROVERS, STEFAN ADRIANUS, BN
[72] VAN AMELSVOORT, JAN, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[30] EP (15190734.2) 2015-10-21

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[51] **Int.Cl. C04B 28/02 (2006.01) C04B 24/14 (2006.01) C04B 28/10 (2006.01)**
[25] EN
[54] **ENGINEERED HYBRID CEMENT-BASED COMPOSITION WITH INCREASED WETTING RESISTANCE**
[54] **COMPOSITION DE CIMENT HYBRIDE MODIFIE PRESENTANT UNE MEILLEURE RESISTANCE AU MOUILLAGE**
[72] LIELEG, OLIVER, DE
[72] MINEV, DIONIS, DE
[72] GROSSE, CHRISTIAN, DE
[71] TECHNISCHE UNIVERSITAT MUNCHEN, DE
[85] 2018-04-17
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[51] **Int.Cl. C08L 67/02 (2006.01) C08K 3/04 (2006.01) D01F 1/09 (2006.01) D01F 1/10 (2006.01) D01F 6/92 (2006.01)**
[25] EN
[54] **COMPOSITE POLYESTER MATERIAL, COMPOSITE POLYESTER FIBRE, PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **MATERIAU COMPOSITE DE POLYESTER, FIBRE COMPOSITE DE POLYESTER, LEUR PROCEDE DE PREPARATION ET D'UTILISATION**
[72] TANG, YILIN, CN
[72] ZHANG, JINZHU, CN
[72] ZHANG, AN, CN
[72] LUAN, FENG, CN
[72] LIU, DING, CN
[71] JINAN SHENGQUAN GROUP SHARE HOLDING CO., LTD., CN
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[87] (WO2017/071360)
[30] CN (201510705758.X) 2015-10-27
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[25] EN
[54] **COATING COMPOSITIONS FOR COATING FIBRE CEMENT BOARD**
[54] **COMPOSITIONS DE REVETEMENT POUR L'ENDUCTION D'UN PANNEAU DE FIBROCIMENT**
[72] TISSIER, NICOLAS, FR
[72] MOLLAT DU JOURDIN, XAVIER, FR
[72] DENU, HANS-JUERGEN, DE
[71] BASF SE, DE
[85] 2018-04-17
[86] 2016-10-19 (PCT/EP2016/075036)
[87] (WO2017/067957)
[30] EP (15002992.4) 2015-10-20

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[51] **Int.Cl. C22C 38/18 (2006.01) C22C 38/40 (2006.01) C22C 38/44 (2006.01)**
[25] EN
[54] **NEW AUSTENITIC STAINLESS ALLOY**
[54] **NOUVEL ALLIAGE INOXYDABLE AUSTENITIQUE**
[72] KIVISAKK, ULF, SE
[72] ANTONSSON, KARIN, SE
[72] STENVALL, PETER, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[87] (WO2017/067999)
[30] EP (15190386.1) 2015-10-19

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[51] **Int.Cl. C07D 498/10 (2006.01) A61K 31/5386 (2006.01) A61P 25/32 (2006.01) A61P 25/34 (2006.01) A61P 25/36 (2006.01)**
[25] EN
[54] **OXADIAZASPIRO COMPOUNDS FOR THE TREATMENT OF DRUG ABUSE AND ADDICTION**
[54] **COMPOSES OXADIAZASPIRO POUR LE TRAITEMENT DE L'ABUS DE DROGUES ET DE LA TOXICOMANIE**
[72] VIRGILI-BERNADO, MARINA, ES
[72] ALMANSA-ROSALES, CARMEN, ES
[72] ALEGRET-MOLINA, CARLOS, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2018-04-17
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[30] EP (15382566.6) 2015-11-16

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[51] **Int.Cl. A61K 39/39 (2006.01)**
[25] EN
[54] **CYTOTOXIC IMMUNOSTIMULATING PARTICLES AND USES THEREOF**
[54] **PARTICULES CYTOTOXIQUES IMMUNOSTIMULANTES ET UTILISATIONS DE CES DERNIERES**
[72] PASCOLO, STEVE, CH
[71] BIONTECH AG, DE
[85] 2018-04-17
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[30] EP (PCT/EP2015/074386) 2015-10-21

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[13] A1
[51] **Int.Cl. B65D 51/28 (2006.01)**
[25] EN
[54] **CLOSURE DEVICE FOR A CONTAINER**
[54] **DISPOSITIF DE FERMETURE D'UN RECIPIENT**
[72] PRESCHE, MARTIN, DE
[71] RPC BRAMLAGE GMBH, DE
[85] 2018-04-17
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[25] EN
[54] **A MEDICAL COMPOSITION AND A MEDICAL HYDROGEL FOR USE IN THE PREVENTION AND/OR TREATMENT OF A DISEASE OF THE FACET JOINTS AND/OR FOR USE IN THE REPLACEMENT AND/OR REGENERATION OF ARTICULAR FACETS**
[54] **ALBUMINE SERIQUE RETICULEE CONTENANT DE L'ACIDE HYALURONIQUE POUR LE TRAITEMENT DE MALADIES DES ARTICULATIONS DES FACETTES**
[72] WURST, HELMUT, DE
[72] GAISSMAIER, CHRISTOPH, DE
[72] CLAUSEN, NILS, DE
[71] TETEC TISSUE ENGINEERING TECHNOLOGIES AG, DE
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[30] DE (10 2015 220 583.5) 2015-10-21

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[51] **Int.Cl. A01N 43/80 (2006.01) A01N 43/82 (2006.01) A01P 3/00 (2006.01) C07D 271/06 (2006.01)**
[25] EN
[54] **SUBSTITUTED OXADIAZOLES FOR COMBATING PHYTOPATHOGENIC FUNGI**
[54] **UTILISATION D'OXADIAZOLES SUBSTITUES POUR LUTTER CONTRE LES CHAMPIGNONS PHYTOPATHOGENES**
[72] WIEBE, CHRISTINE, DE
[72] KRETSCHMER, MANUEL, US
[72] GRAMMENOS, WASSILIOS, DE
[72] ESCRIBANO CUESTA, ANA, DE
[72] QUINTERO PALOMAR, MARIA ANGELICA, DE
[72] CRAIG, IAN ROBERT, DE
[72] CAMBEIS, ERICA, DE
[72] GROTE, THOMAS, DE
[72] FEHR, MARCUS, DE
[72] MENTZEL, TOBIAS, DE
[72] MUELLER, BERND, DE
[72] WINTER, CHRISTIAN HARALD, DE
[72] TERTERYAN-SEISER, VIOLETA, DE
[72] LOHMANN, JAN KLAAS, DE
[71] BASF SE, DE
[85] 2018-04-17
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[25] EN
[54] **SINGLE-USE AUTO-INJECTOR**
[54] **AUTO-INJECTEUR A USAGE UNIQUE**
[72] KNUDSEN, HANS STENBERG, DK
[72] PLAMBECH, CHRISTIAN, DK
[72] OHLENSCHLAGER, RASMUS, DK
[72] JORGENSEN, JORGEN, DK
[71] AMGEN INC., US
[85] 2018-04-17
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[51] **Int.Cl. C01F 11/44 (2006.01) C04B 28/02 (2006.01) C04B 40/00 (2006.01)**
[25] EN
[54] **SOLID PARTICULATE CALCIUM NITRATE COMPOSITION COMPRISING A SOLID PARTICULATE SILICATE AS AN ANTI-CAKING AGENT**
[54] **COMPOSITION PARTICULAIRE SOLIDE DE NITRATE DE CALCIUM COMPRENANT UN SILICATE PARTICULAIRE SOLIDE EN TANT QU'AGENT ANTIAGGLUTINANT**
[72] FRANKE, WOLFRAM, NO
[72] THOMMESEN, HILDE, NO
[72] CILLUFFO, GIUSEPPE, IT
[72] ROMEGIALLI, GIANLUCA, IT
[72] TORABZADEGAN, MEHRDAD, NO
[71] YARA INTERNATIONAL ASA, NO
[85] 2018-04-17
[86] 2016-11-07 (PCT/EP2016/076803)
[87] (WO2017/077103)
[30] NO (20151508) 2015-11-06

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[25] EN
[54] **SYSTEM AND METHOD FOR TRAVERSING VERTICAL OBSTACLES**
[54] **SYSTEME ET PROCEDE PERMETTANT DE FRANCHIR DES OBSTACLES VERTICAUX**
[72] LIIVIK, IVO, EE
[72] LIIVIK, MART, EE
[72] LIIVIK, TIIT, EE
[71] STARSHIP TECHNOLOGIES OU, EE
[85] 2018-04-17
[86] 2016-10-31 (PCT/EP2016/076254)
[87] (WO2017/076813)
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[30] EP (15198094.3) 2015-12-04
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[51] **Int.Cl. H05B 3/84 (2006.01)**
[25] EN
[54] **ELECTRICALLY HEATABLE COMPOSITE PANE HAVING A CAPACITIVE SWITCHING REGION**
[54] **VITRE FEUILLETEE POUVANT ETRE CHAUFFEE ELECTRIQUEMENT COMPORTANT UNE ZONE DE COMMUTATION CAPACITIVE**
[72] KLEIN, MARCEL, DE
[72] DORNER, DIRK, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-04-17
[86] 2016-11-07 (PCT/EP2016/076885)
[87] (WO2017/077128)
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[25] EN
[54] **PANE ARRANGEMENT HAVING A HEATABLE COMPOSITE PANE HAVING A CAPACITIVE SWITCHING REGION**
[54] **ENSEMBLE VITRE A VITRE FEUILLETEE DOTEE D'UNE ZONE DE COMMUTATION CAPACITIVE**
[72] KLEIN, MARCEL, DE
[72] DROSTE, STEFAN, DE
[72] WEBER, PATRICK, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-04-17
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[51] **Int.Cl. G05D 1/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR AUTONOMOUS LOCALISATION**
[54] **DISPOSITIF ET PROCEDE DE LOCALISATION AUTONOME**
[72] HEINLA, AHTI, EE
[72] VOLKOV, KALLE-RASMUS, EE
[72] ROBERTS, LINDSAY, EE
[72] MANDRE, INDREK, EE
[71] STARSHIP TECHNOLOGIES OU, EE
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[51] **Int.Cl. A41D 27/28 (2006.01) A41D 13/002 (2006.01)**
[25] EN
[54] **PIECE OF SPORTSWEAR WITH AT LEAST ONE CONTROLLED TEMPERATURE ZONE**
[54] **VETEMENT DE SPORT COMPRENANT AU MOINS UNE ZONE DE THERMOREGULATION**
[72] LAMBERTZ, BODO, CH
[71] X-TECHNOLOGY SWISS GMBH, CH
[85] 2018-04-17
[86] 2016-11-04 (PCT/EP2016/076680)
[87] (WO2017/077040)
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[25] EN
[54] **METHOD FOR OPTIMISING MATERIAL RECOVERY IN A CHEMICAL PULPING PROCESS**
[54] **PROCEDE POUR OPTIMISER LA RECUPERATION DE MATIERE DANS UN PROCESSUS DE REDUCTION EN PATE CHIMIQUE**
[72] AHLGREN, JONNI, FI
[72] HALTTUNEN, SAKARI, FI
[72] RUOTSALAINEN, JUSSI, FI
[72] SAARI, KARI, FI
[71] KEMIRA OYJ, FI
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[51] **Int.Cl. G02B 26/12 (2006.01)**
[25] EN
[54] **AN IMAGE SCANNING APPARATUS AND METHODS OF OPERATING AN IMAGE SCANNING APPARATUS**
[54] **APPAREIL DE BALAYAGE D'IMAGES ET PROCEDES D'EXPLOITATION D'UN APPAREIL DE BALAYAGE D'IMAGES**
[72] GOUCH, MARTIN PHILIP, GB
[72] HAWES, WILLIAM ROLAND, GB
[72] SCHMID, JOACHIM HELMUT, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2018-04-17
[86] 2016-12-09 (PCT/EP2016/080360)
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[30] US (62/265,015) 2015-12-09

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[51] **Int.Cl. C07K 14/75 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **USE OF A FIBRINOGEN CAPTURE AGENT TO DETECT A CIZ1 B-VARIANT**
[54] **UTILISATION D'UN AGENT DE CAPTURE FIBRINOGENE POUR DETECTER UN VARIANT B DE CIZ1**
[72] COVERLEY, DAWN ALISON, GB
[71] CIZZLE BIOTECHNOLOGY LIMITED, GB
[85] 2018-04-17
[86] 2016-10-14 (PCT/GB2016/053203)
[87] (WO2017/068330)
[30] GB (1518466.6) 2015-10-19

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[25] EN
[54] **STRUCTURED ZIRCONIUM SOLUTIONS**
[54] **SOLUTIONS DE ZIRCONIUM STRUCTUREES**
[72] SCAPENS, DAVID ALASTAIR, GB
[71] MAGNESIUM ELEKTRON LIMITED, GB
[85] 2018-04-17
[86] 2016-10-27 (PCT/GB2016/053332)
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[30] GB (1518996.2) 2015-10-27

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[25] EN
[54] **ZIRCONIA-BASED COMPOSITIONS FOR USE AS THREE WAY CATALYSTS**
[54] **COMPOSITIONS A BASE DE ZIRCONE DESTINEES A ETRE UTILISEES COMME CONVERTISSEURS CATALYTIQUES A TROIS VOIES**
[72] HARRIS, DEBORAH JAYNE, GB
[72] SCAPENS, DAVID ALASTAIR, GB
[71] MAGNESIUM ELEKTRON LIMITED, GB
[85] 2018-04-17
[86] 2016-10-27 (PCT/GB2016/053335)
[87] (WO2017/072509)
[30] GB (1518996.2) 2015-10-27

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[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/00 (2006.01) A61K 39/015 (2006.01)**
[25] EN
[54] **NEW ADJUVANT AND VACCINE COMPOSITION CONTAINING THE SAME**
[54] **NOUVEL ADJUVANT ET COMPOSITION VACCINALE LE CONTENANT**
[72] FICHERA, EPIFANIO, IN
[72] GUPTA, GAURAV, IN
[72] GLUECK, REINHARD, IN
[71] CADILA HEALTHCARE LIMITED, IN
[85] 2018-04-17
[86] 2016-10-17 (PCT/IB2016/056213)
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[30] IN (3960/MUM/2015) 2015-10-19

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[25] EN
[54] **AN ENERGY HARVESTING POWER-ASSIST SYSTEM AND METHOD FOR LIGHT VEHICLES**
[54] **PROCEDE ET SYSTEME D'ASSISTANCE DE PUISSANCE A COLLECTE D'ENERGIE POUR VEHICULES LEGERS**
[72] LIS, FABIAN, US
[72] LIS, GUSTAVO ADRIAN, CA
[71] LIS, FABIAN, US
[71] LIS, GUSTAVO ADRIAN, CA
[85] 2018-04-16
[86] 2016-11-06 (PCT/US2016/060744)
[87] (WO2017/079709)
[30] US (62/252,568) 2015-11-08

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[51] **Int.Cl. A63B 60/06 (2015.01) A63B 59/50 (2015.01) A63B 60/14 (2015.01) A63B 49/08 (2015.01)**
[25] EN
[54] **GRIP FOR BALL-BAT HANDLE AND KNOB HAVING MULTIPLE DEGREES OF HARDNESS**
[54] **PRISE POUR MANCHE ET POMMEAU DE BATTE AYANT DE MULTIPLES DEGRES DE DURETE**
[72] LONG, KEENAN, US
[72] DOUGLAS, GRANT, US
[71] EASTON DIAMOND SPORTS, LLC., US
[85] 2018-04-16
[86] 2016-10-18 (PCT/US2016/057556)
[87] (WO2017/070122)
[30] US (14/918,513) 2015-10-20

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[25] EN
[54] **SEED COATING COMPOSITION**
[54] **COMPOSITION D'ENROBAGE DE SEMENCE**
[72] BUENO, AMY NICOLE, US
[72] MEYER, TERRY EUCLAIRE, US
[72] ANTHONY, RENIL JOHN, US
[71] INCOTEC HOLDING B.V., NL
[85] 2018-04-17
[86] 2016-11-08 (PCT/IB2016/001661)
[87] (WO2017/081535)
[30] EP (EP15193624.2) 2015-11-09

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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/00 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE OPTIMISATION OF THE ADDITION OF DILUENT TO AN OIL WELL COMPRISING A DOWNHOLE PUMP**
[54] **PROCEDE ET SYSTEME D'OPTIMISATION DE L'AJOUT DE DILUANT A UN PUITS DE PETROLE COMPRENANT UNE POMPE DE FOND**
[72] PAVLOV, ALEXEY, NO
[72] FJALESTAD, KJETIL, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2018-04-16
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[51] **Int.Cl. F42B 12/72 (2006.01) F42B 12/78 (2006.01)**
[25] EN
[54] **SUB-MASS PROJECTILE FOR AUTO LOADING FIREARM AND METHODS**
[54] **PROJECTILE SOUS-MASSIQUE POUR LE CHARGEMENT AUTOMATIQUE D'ARME A FEU ET PROCEDES**
[72] REILLY, WILLIAM, US
[71] REILLY, WILLIAM, US
[85] 2018-04-17
[86] 2015-10-18 (PCT/US2015/056118)
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[51] **Int.Cl. F03B 13/14 (2006.01) B63B 22/04 (2006.01) E02B 9/08 (2006.01) E02D 29/09 (2006.01)**
[25] EN
[54] **POWER GENERATION UNIT FOR OCEANOGRAPHIC SENSOR MOORINGS**
[54] **UNITE DE GENERATION DE PUISSANCE POUR AMARRES DE CAPTEUR OCEANOGRAPHIQUE**
[72] COOK, ANDREW, CA
[72] PRESS, ADAM, CA
[72] HOLDEN, GEOFF, CA
[71] MEMORIAL UNIVERSITY OF NEWFOUNDLAND, CA
[85] 2018-04-16
[86] 2016-10-06 (PCT/CA2016/000250)
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[30] CA (2,908,534) 2015-10-16

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[51] **Int.Cl. H04W 12/06 (2009.01) H04W 8/26 (2009.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR POLICY BASED AUTHORIZATION AND AUTHENTICATION OF DATA TRAFFIC BYPASSING MOBILE NETWORK**
[54] **PROCEDE, SYSTEME ET APPAREIL D'AUTORISATION ET D'AUTHENTIFICATION, BASEES SUR DES REGLES, DU TRAFIC DE DONNEES CONTOURNANT UN RESEAU MOBILE**
[72] MISHRA, ABHISHEK, IN
[71] REDKNEE INC., CA
[85] 2018-04-17
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[51] **Int.Cl. E05D 5/02 (2006.01) E05D 7/00 (2006.01) E05D 7/12 (2006.01) E05D 11/00 (2006.01)**
[25] EN
[54] **SLIP RESISTANT GLASS HINGE SYSTEM**
[54] **SYSTEME DE CHARNIERE POUR VERRE ANTIDERAPANT**
[72] WHITE, RICHARD, US
[72] MCGRATH, TOM, US
[71] WHITE, RICHARD, US
[71] MCGRATH, TOM, US
[85] 2018-04-17
[86] 2015-10-19 (PCT/US2015/056286)
[87] (WO2016/061591)
[30] US (62/065,128) 2014-10-17

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[51] **Int.Cl. G06T 15/08 (2011.01) G06T 19/00 (2011.01) G06F 3/01 (2006.01)**
[25] EN
[54] **DIRECT VOLUME RENDERING IN VIRTUAL AND/OR AUGMENTED REALITY**
[54] **RENDU VOLUMIQUE DIRECT EN REALITE AUGMENTEE ET/OU VIRTUELLE**
[72] LOFFLER, FALKO, DE
[72] BONISCH, BAUL, DE
[72] GOTZE, CHRISTIAN, DE
[72] SUCHANEK, ANDREAS, DE
[71] ARIVIS AG, DE
[85] 2018-04-17
[86] 2016-10-17 (PCT/IB2016/056235)
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[30] US (62/243,011) 2015-10-17

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[51] **Int.Cl. E21B 7/00 (2006.01) E21B 7/16 (2006.01)**
[25] EN
[54] **RAM ACCELERATOR SYSTEM WITH RAIL TUBE**
[54] **SYSTEME ACCELERATEUR DE MOUTON AVEC TUBE A RAIL**
[72] RUSSELL, MARK C., US
[72] ELDER, TIMOTHY JOHN, US
[71] HYPERSCIENCES, INC., US
[85] 2018-04-17
[86] 2015-10-22 (PCT/US2015/056947)
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[30] US (62/067,923) 2014-10-23
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[25] EN
[54] **MOLD FLUX FOR CONTINUOUS CASTING AND CONTINUOUS CASTING METHOD**
[54] **FONDANT DE MOULE POUR COULEE CONTINUE ET PROCEDE DE COULEE CONTINUE**
[72] HANAO, MASAHITO, JP
[72] NAITO, DAIKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-04-17
[86] 2016-11-07 (PCT/JP2016/083002)
[87] (WO2017/078178)
[30] JP (2015-217238) 2015-11-05

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[51] **Int.Cl. A61K 8/25 (2006.01) A61K 8/73 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITION COMPRISING CHITOSAN AND SILICA**
[54] **COMPOSITION DE SOIN BUCCAL COMPRENANT DU CHITOSANE ET DE LA SILICE**
[72] FONTERS, JESSIE, FR
[72] LOTSCHER, JEANNINE, CH
[72] BRUNELLA, ANDRE, CH
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-04-17
[86] 2015-11-20 (PCT/US2015/061929)
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[13] A1
[51] **Int.Cl. A01K 1/01 (2006.01)**
[25] EN
[54] **DISPOSABLE LITTER BOXES AND METHODS OF PROVIDING AND USING SUCH LITTER BOXES**
[54] **BOITES LITIERES JETABLES ET PROCEDES DE PRODUCTION ET D'UTILISATION DE TELLES BOITES LITIERES**
[72] WURTH, STEPHEN A., US
[72] HOBLER, ADAM M., US
[72] HUCK, NATHAN FOSTER, US
[72] BAILEY, RONALD, US
[71] NESTEC S.A., CH
[85] 2018-04-17
[86] 2016-10-25 (PCT/IB2016/056416)
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[30] US (62/247,583) 2015-10-28

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[51] **Int.Cl. H02M 1/12 (2006.01) H02M 7/49 (2007.01) H02M 7/501 (2007.01) H02M 7/5395 (2006.01)**
[25] EN
[54] **MEDIUM VOLTAGE HYBRID MULTILEVEL CONVERTER AND METHOD FOR CONTROLLING A MEDIUM VOLTAGE HYBRID MULTILEVEL CONVERTER**
[54] **CONVERTISSEUR MULTI-NIVEAUX HYBRIDE A MOYENNE TENSION ET PROCEDE DE COMMANDE DE CONVERTISSEUR MULTI-NIVEAUX HYBRIDE A MOYENNE TENSION**
[72] MIHALACHE, LIVIU, US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-04-17
[86] 2016-10-04 (PCT/US2016/055284)
[87] (WO2017/069938)
[30] US (14/886,496) 2015-10-19

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[13] A1
[51] **Int.Cl. A01K 1/015 (2006.01)**
[25] EN
[54] **LOW DENSITY PET LITTERS AND METHODS OF MAKING AND USING SUCH PET LITTERS**
[54] **LITIERES FAIBLE DENSITE POUR ANIMAL DE COMPAGNIE ET METHODES DE FABRICATION ET UTILISATION DE TELLES LITIERES POUR ANIMAL DE COMPAGNIE**
[72] HUCK, NATHAN FOSTER, US
[72] MUSCROFT, COLIN, US
[72] LEINART, DAVID ODELL, US
[71] NESTEC S.A., CH
[85] 2018-04-17
[86] 2016-10-20 (PCT/IB2016/095005)
[87] (WO2017/068561)
[30] US (62/245,349) 2015-10-23

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[51] **Int.Cl. A01G 31/02 (2006.01)**
[25] EN
[54] **HORTICULTURAL METHOD AND APPARATUS**
[54] **APPAREIL ET PROCEDE HORTICOLE**
[72] DUMONT, GILLES, CA
[71] 9934294 CANADA INC., CA
[85] 2017-04-04
[86] 2015-10-16 (PCT/CA2015/000538)
[87] (WO2016/058084)
[30] CA (2,867,551) 2014-10-16

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[54] **INTERNALLY REINFORCED AEROGEL AND USES THEREOF**
[54] **AEROGEL RENFORCE EN INTERNE ET SES UTILISATIONS**
[72] SAKAGUCHI, ALAN, US
[72] POE, GARRETT, US
[72] MERWIN, MICHAEL, US
[72] KOLDAN, KENNETH, US
[71] BLUESHIFT MATERIALS, INC., US
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[25] EN
[54] **LOW DENSITY PET LITTERS AND METHODS OF MAKING AND USING SUCH PET LITTERS**
[54] **LITIERES BASSE DENSITE POUR ANIMAUX DE COMPAGNIE ET PROCEDES DE FABRICATION ET D'UTILISATION DESDITES LITIERES POUR ANIMAUX DE COMPAGNIE**
[72] HUCK, NATHAN FOSTER, US
[72] MUSCROFT, COLIN, US
[72] LEINART, DAVID ODELL, US
[71] NESTEC S.A., CH
[85] 2018-04-17
[86] 2016-10-20 (PCT/IB2016/095006)
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[54] **MOBILE PHONE HOLDER**
[54] **SUPPORT DE TELEPHONE MOBILE**
[72] PARK, JIN KYU, KR
[71] PARK, JIN KYU, KR
[85] 2018-04-17
[86] 2016-10-17 (PCT/KR2016/011621)
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[25] EN
[54] **FLYING OBJECT**
[54] **ENGIN VOLANT**
[72] NAM, YANG WOO, KR
[71] NAM, YANG WOO, KR
[85] 2018-04-17
[86] 2016-10-28 (PCT/KR2016/012249)
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[25] EN
[54] **SELECTING VIRTUAL OBJECTS IN A THREE-DIMENSIONAL SPACE**
[54] **SELECTION D'OBJETS VIRTUELS DANS UN ESPACE TRIDIMENSIONNEL**
[72] POWDERLY, JAMES M., US
[72] NILES, SAVANNAH, US
[72] HAMILTON, FRANK, US
[72] FONTAINE, MARSHAL A., US
[72] ABOVITZ, RONY, US
[72] NAPLES, ALYSHA, US
[71] MAGIC LEAP, INC., US
[85] 2018-04-17
[86] 2016-10-18 (PCT/US2016/057554)
[87] (WO2017/070121)
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[30] US (62/301,422) 2016-02-29
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[25] EN
[54] **HEMODYNAMIC MONITORING SYSTEM WITH DETACHABLE DISPLAY UNIT**
[54] **SYSTEME DE SURVEILLANCE HEMODYNAMIQUE AVEC UNITE D'AFFICHAGE DETACHABLE**
[72] MCCALL, TOM, US
[72] SNIDER, DAVID, US
[72] HUGHES, TIMOTHY JOHN, US
[72] DERDERIAN, LINA, US
[72] COBB, JAMES, US
[72] BURCAR, ALISON D., US
[71] ICU MEDICAL, INC., US
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[30] US (62/243,555) 2015-10-19

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[25] EN
[54] **SYSTEM FOR, AND METHOD OF, ACCURATELY AND RAPIDLY DETERMINING, IN REAL-TIME, TRUE BEARINGS OF RADIO FREQUENCY IDENTIFICATION (RFID) TAGS ASSOCIATED WITH ITEMS IN A CONTROLLED AREA**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETERMINER RAPIDEMENT, AVEC PRECISION ET EN TEMPS REEL, DES RELEVEMENTS VRAIS D'ETIQUETTES D'IDENTIFICATION PAR RADIOFREQUENCE (RFID) ASSOCIEES ADES ELEMENTS DANS UNE ZONE CONTROLEE**
[72] KOCH, MICHAEL J., US
[72] SWOPE, CHARLES B., US
[72] BEKRITSKY, BENJAMIN J., US
[71] SYMBOL TECHNOLOGIES, LLC, US
[85] 2018-04-17
[86] 2016-10-11 (PCT/US2016/056333)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMMUNE-MEDIATED CANCER THERAPY**
[54] **COMPOSITIONS ET PROCEDES POUR THERAPIE ANTICANCEREUSE A MEDIATION IMMUNITAIRE**
[72] LEE, RUEY-MIN, US
[71] TECLISON LIMITED, KY
[85] 2018-04-17
[86] 2016-10-21 (PCT/US2016/058303)
[87] (WO2017/070606)
[30] US (62/244,457) 2015-10-21

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[25] EN
[54] **PHARMACEUTICAL FORMULATIONS THAT FORM GEL IN SITU**
[54] **FORMULATIONS PHARMACEUTIQUES QUI FORMENT UN GEL IN SITU**
[72] BALDWIN, JOHN J., US
[72] WEI, GANG, CN
[71] IVIEW THERAPEUTICS, INC., US
[85] 2018-04-17
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[25] EN
[54] **ISOTRETINOIN FORMULATIONS AND USES AND METHODS THEREOF**
[54] **FORMULATIONS D'ISOTRETINOINE, LEURS UTILISATIONS ET METHODES ASSOCIEES**
[72] ROME, ZACHARY, US
[72] EVANS, CHARLES RODNEY GREENAWAY, GB
[72] BROWN, MARC BARRY, GB
[72] CASERTA, FRANCESCO, GB
[71] PATAGONIA PHARMACEUTICALS, LLC, US
[85] 2018-04-17
[86] 2016-10-26 (PCT/US2016/058746)
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[54] **FRUIT OR VEGETABLE POMACE COMPOSITION AND USE AS BLOOD GLUCOSE MODULATOR AND ANTI-DIABETIC AGENT**
[54] **COMPOSITION DE MARC DE FRUIT OU DE LEGUME ET UTILISATION COMME MODULATEUR DE GLYCEMIE ET AGENT ANTIDIABETIQUE**
[72] HAYES, KENNETH C., US
[72] PERLMAN, DANIEL, US
[71] BRANDEIS UNIVERSITY, US
[85] 2018-04-17
[86] 2016-10-26 (PCT/US2016/058904)
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[25] EN
[54] **VENT ADAPTOR ASSEMBLIES, METHODS OF MAKING THE SAME, METHODS OF USING THE SAME, AND URINARY DRAINAGE BAG SYSTEMS USING THE SAME**
[54] **ENSEMBLES D'ADAPTATEUR D'EVENT, PROCEDE DE FABRICATION DE CEUX-CI, PROCEDES D'UTILISATION DE CEUX-CI, ET SYSTEME DE POCHE DE VIDANGE URINAIRE UTILISANT CEUX-CI**
[72] GLITHERO, JASON IAIN, US
[72] SWEENEY, LYNDSAY ALISON, US
[72] PRIVITERA, SALVATORE, US
[71] C.R. BARD, INC., US
[85] 2018-04-17
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[25] EN
[54] **HIGHLY BRANCHED NON-CROSSLINKED AEROGEL, METHODS OF MAKING, AND USES THEREOF**
[54] **AEROGEL NON RETICULE HAUTEMENT RAMIFIE, PROCEDES DE FABRICATION ET UTILISATIONS CORRESPONDANTES**
[72] POE, GARRETT, US
[72] SAKAGUCHI, ALAN, US
[72] LAMBDIN, NICOLE, US
[72] KOLDAN, KENNETH, US
[71] BLUESHIFT MATERIALS, INC., US
[85] 2018-04-17
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[25] EN
[54] **ADDITIVE MANUFACTURING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FABRICATION ADDITIVE**
[72] DEMUTH, JAMES A., US
[72] FEES, HEINER, US
[72] TOOMRE, ERIK, US
[72] BERDICHEVSKY, EUGENE, US
[72] LEARD, FRANCIS L., US
[72] KAMSHAD, KOUROSH, US
[71] SEURAT TECHNOLOGIES, INC., US
[85] 2018-04-17
[86] 2016-10-27 (PCT/US2016/059144)
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[30] US (62/248,821) 2015-10-30
[30] US (62/248,770) 2015-10-30
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[30] US (62/248,780) 2015-10-30
[30] US (62/248,829) 2015-10-30
[30] US (62/248,787) 2015-10-30
[30] US (62/248,968) 2015-10-30
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[30] US (62/248,989) 2015-10-30

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[51] **Int.Cl. A61K 41/00 (2006.01)**
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[54] **X-RAY PSORALEN ACTIVATED CANCER THERAPY (X-PACT)**
[54] **TRAITEMENT ANTICANCEREUX A BASE DE PSORALENE ACTIVE PAR LES RAYONS X (X-PACT)**
[72] FATHI, ZAKARYAE, US
[72] BEYER, WAYNE F., US
[72] WALDER, HAROLD, US
[72] BOURKE, FREDERIC A., US
[72] OLDHAM, MARK, US
[72] DEWHIRST, MARK, US
[72] SPECTOR, NEIL L., US
[72] YOON, PAUL, US
[72] ADAMSON, JUSTUS, US
[72] ALCORTA, DAVID, US
[72] LYERLY, KIM, US
[72] LIU, LEIHUA, US
[72] OSADA, TAKUYA, US
[71] IMMUNOLIGHT, LLC, US
[71] DUKE UNIVERSITY, US
[85] 2018-04-17
[86] 2016-10-19 (PCT/US2016/057685)
[87] (WO2017/070197)
[30] US (62/243,465) 2015-10-19

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[51] **Int.Cl. E21B 43/25 (2006.01) E21B 43/17 (2006.01) E21B 43/26 (2006.01)**
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[54] **WELL RE-STIMULATION**
[54] **RESTIMULATION DE PUITS**
[72] LECERF, BRUNO, US
[72] CLARK, BRIAN D., US
[72] GU, HONGREN, US
[72] USOLTSEV, DMITRIY, US
[72] MALPANI, RAJGOPAL V., US
[72] SINOSIC, BRIAN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-04-17
[86] 2016-10-12 (PCT/US2016/056482)
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[54] **FISHING LURE**
[54] **LEURRE DE PECHE**
[72] GILIHAN, MICHAEL A., US
[71] CAPTIVE FISHING PRODUCTS, INC., US
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[51] **Int.Cl. C09B 3/14 (2006.01) C07C 13/32 (2006.01)**
[25] EN
[54] **ORGANIC COMPOUND, CRYSTAL DIELECTRIC LAYER AND CAPACITOR BACKGROUND**
[54] **COMPOSE ORGANIQUE, COUCHE DIELECTRIQUE CRISTALLINE ET ARRIERE-PLAN DE CONDENSATEUR**
[72] FURUTA, PAUL T., US
[72] LAZAREV, PAVEL IVAN, US
[71] CAPACITOR SCIENCES INCORPORATED, US
[85] 2018-04-17
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[54] **MICROFLUIDIC MODEL OF THE BLOOD BRAIN BARRIER**
[54] **MODELE MICROFLUIDIQUE DE LA BARRIERE HEMATO-ENCEPHALIQUE**
[72] KERNS, S. JORDAN, US
[72] WEN, NORMAN, US
[72] LUCCHESI, CAROL, US
[72] HINOJOSA, CHRIS, US
[72] FRASER, JACOB, US
[72] HAMILTON, GERALDINE, US
[72] VATINE, GAD, US
[72] SANCES, SAMUEL, US
[72] SVENDSEN, CLIVE, US
[72] LEVNER, DANIEL, US
[72] SAREEN, DHRUV, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[71] EMULATE, INC., US
[85] 2018-04-17
[86] 2016-10-19 (PCT/US2016/057724)
[87] (WO2017/070224)
[30] US (62/243,642) 2015-10-19
[30] US (62/277,723) 2016-01-12
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[25] EN
[54] **TREATMENT OF STEROID-INDUCED HYPERGLYCEMIA WITH FIBROBLAST GROWTH FACTOR (FGF) 1 ANALOGS**
[54] **TRAITEMENT DE L'HYPERGLYCEMIE INDUITE PAR DES STEROIDES AVEC DES ANALOGUES DE FACTEUR DE CROISSANCE DES FIBROBLASTES (FGF) 1**
[72] EVANS, RONALD M., US
[72] DOWNES, MICHAEL, US
[72] ATKINS, ANNETTE, US
[72] YU, RUTH T., US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[85] 2018-04-17
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[25] EN
[54] **USE OF VISIBLY DETECTABLE COMPOUNDS AS PERFORMANCE REFERENCE COMPOUNDS IN PASSIVE SAMPLING DEVICES**
[54] **UTILISATION DE COMPOSES DETECTABLES VISIBLEMENT EN TANT QUE COMPOSES DE REFERENCE DANS DES DISPOSITIFS D'ECHANTILLONNAGE PASSIF**
[72] CONDER, JASON MICHAEL, US
[71] GEOSYNTEC CONSULTANTS, INC., US
[85] 2018-04-17
[86] 2016-10-20 (PCT/US2016/057863)
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[25] EN
[54] **CYLINDRICAL CONTAINER AND SERVING BOWL**
[54] **CONTENANT CYLINDRIQUE ET PLAT DE SERVICE**
[72] MILLER, PAUL EDWARD, US
[72] ACKERMAN, JAMIE LYNN, US
[72] CARPENTER, LAWRENCE ROBERT, US
[72] KUBILIUS, STEVEN, US
[71] SONOCO DEVELOPMENT, INC., US
[85] 2018-04-17
[86] 2016-10-12 (PCT/US2016/056515)
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[54] **RESIN GLUE SHEETS AND A METHOD FOR FABRICATION**
[54] **FEUILLES DE COLLE DE RESINE ET PROCEDE DE FABRICATION**
[72] POPPE, CLAYTON, US
[72] ROWELL, MICHAEL STEWART, US
[72] OLSEN, THOMAS, US
[71] E2E MATERIALS, INC., US
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[25] EN
[54] **IMPROVED PURIFICATION OF TGF-BETA SUPERFAMILY PROTEINS**
[54] **PURIFICATION AMELIOREE DE PROTEINES DE LA SUPERFAMILLE DU TGF-BETA**
[72] BROWN, CHRISTOPHER T., US
[72] ROBERTSON, PATRICK D., US
[72] KINGSLEY, EUGENE, US
[72] CARONNA, ANTHONY, US
[71] BIOVENTUS, LLC, US
[85] 2018-04-17
[86] 2016-10-21 (PCT/US2016/058144)
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[25] EN
[54] **DELIVERY OF CENTRAL NERVOUS SYSTEM TARGETING POLYNUCLEOTIDES**
[54] **DISTRIBUTION DE POLYNUCLEOTIDES DE CIBLAGE DU SYSTEME NERVEUX CENTRAL**
[72] SAH, DINAH WEN-YEE, US
[72] HOU, JINZHAO, US
[72] GOULET, MARTIN, US
[72] KELLS, ADRIAN PHILIP, US
[72] ZHOU, PENGCHENG, US
[72] STEWART, GREGORY ROBERT, US
[71] VOYAGER THERAPEUTICS, INC., US
[85] 2018-04-17
[86] 2016-10-28 (PCT/US2016/059302)
[87] (WO2017/075338)
[30] US (62/248,220) 2015-10-29
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[25] EN
[54] **IMPROVED METHOD OF MAKING A MERCURY SORBENT**
[54] **PROCEDE AMELIORE PERMETTANT DE FABRIQUER UN SORBANT DE MERCURE**
[72] WANG, ZHEN, US
[71] AMCOL INTERNATIONAL CORPORATION, US
[85] 2018-04-17
[86] 2016-10-28 (PCT/US2016/059420)
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[30] US (62/249,049) 2015-10-30

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[51] **Int.Cl. A47C 20/04 (2006.01) A47C 20/08 (2006.01)**
[25] EN
[54] **BED BASE AND BED PROVIDED WITH SAID BED BASE, WHEREIN THE BED BASE IS PROVIDED WITH MASSAGING MEANS**
[54] **BASE DE LIT ET LIT DOTE DE LADITE BASE DE LIT, LA BASE DE LIT ETANT DOTEE DE MOYENS DE MASSAGE**
[72] COPETTI, VALTER, IT
[71] COPETTI, VALTER, IT
[85] 2018-04-18
[86] 2015-10-23 (PCT/EP2015/002111)
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[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF AMYLOIDOSIS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE L'AMYLOIDOSE**
[72] KAKKIS, EMIL, US
[72] VELLARD, MICHEL CLAUDE, US
[72] SWISTOWSKI, ANDRZEJ, US
[71] ULTRAGENYX PHARMACEUTICAL INC., US
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[54] **LIQUID LAUNDRY DETERGENT COMPOSITION COMPRISING A PARTICLE**
[54] **COMPOSITION DE DETERGENT A LESSIVE LIQUIDE COMPRENANT UNE PARTICULE**
[72] VACCARO, MAURO, GB
[72] BROOKER, ANJU DEEPALI MASSEY, GB
[72] SOMERVILLE-ROBERTS, NIGEL PATRICK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] ROBLES, ERIC SAN JOSE, GB
[72] CUTHBERTSON, MELISSA, GB
[72] DONLON, LYNN, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **POWER DISTRIBUTOR**
[54] **DISTRIBUTEUR DE COURANT**
[72] ASANZA MALDONADO, DIEGO FERNANDO, DE
[71] ELLENBERGER & POENSGEN GMBH, DE
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[54] **MULTI-COMPONENT COATING MIXTURES FOR APPLYING A PATTERNED EFFECT TO A BEAD**
[54] **MELANGES DE REVETEMENT A COMPOSANTS MULTIPLES POUR APPLIQUER UN EFFET A MOTIFS SUR UNE BILLE**
[72] ALLISON, KEITH, US
[72] LAGUATAN, ROSELD V., US
[71] CRAYOLA LLC, US
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[54] **CASQUE ABSORBANT LES CHOCS**
[72] ALLEN, SCOTT R., US
[72] PENNY, JAMES R., US
[72] SZELA, ALEXANDER J., US
[72] VALENCIA, JULIO, US
[72] PIETRZAK, CHRISTOPHER T., US
[71] BELL SPORTS, INC., US
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[54] **APPARATUS AND METHOD FOR AERATION OF A FOOD PRODUCT**
[54] **APPAREIL ET PROCEDE DE FOISONNEMENT DE PRODUIT ALIMENTAIRE**
[72] CLAVIER, LUIS, FR
[72] CHEVALIER, JEAN-FRANCOIS, FR
[72] MARCILLA, RAFAEL, FR
[71] NESTEC S.A., CH
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[54] **NOVEL FERROPORTIN INHIBITORS**
[54] **NOUVEAUX INHIBITEURS DE LA FERROPORTINE**
[72] DURRENBERGER, FRANZ, CH
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[72] BURCKHARDT, SUSANNA, CH
[72] BURGERT, MICHAEL, DE
[72] KALOGERAKIS, ARIS, CH
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[72] YARNOLD, CHRISTOPHER JOHN, GB
[72] PENA, PAULA, GB
[72] SHEPHERD, JON, GB
[72] LECCI, CRISTINA, GB
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[71] VIFOR (INTERNATIONAL) AG, CH
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[54] **COMPOSITION IN PARTICULATE FORM COMPRISING A POLYMER AND A PROPPANT USEFUL FOR HYDRAULIC FRACTURING OPERATION**
[54] **COMPOSITION SOUS FORME DE PARTICULES COMPRENANT UN POLYMERE ET UN AGENT DE SOUTENEMENT UTILE POUR UNE MISE EN □UVRE DE FRACTURATION HYDRAULIQUE**
[72] FAVERO, CEDRICK, FR
[71] S.P.C.M. SA, FR
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[72] SHEPHERD, JON, GB
[72] LECCI, CRISTINA, GB
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[72] SCOTT, JOHN, GB
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[54] **PARTICULE ET SYSTEME DE FORMATION D'AEROSOL COMPRENANT DE TELLES PARTICULES**
[72] ROJO-CALDERON, NOELIA, CH
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **CAPTURE AGENT FOR THE TREATMENT OF FLUE GASES**
[54] **AGENT DE CAPTATION POUR LE TRAITEMENT DES FUMEES**
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[72] SOMERHAUSEN, BERNARD, BE
[71] CARMEUSE RESEARCH AND TECHNOLOGY, BE
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[72] BIEMANS, RALPH LEON, BE
[72] MONIOTTE, NICOLAS JEAN BENOIT, BE
[72] STRODIOT, LAURENT BERNARD JEAN, BE
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[54] **ANTICORPS ANTI-MYOSTATINE, POLYPEPTIDES CONTENANT DES VARIANTS DE REGIONS FC, ET PROCEDES D'UTILISATION**
[72] KURAMOCHI, TAICHI, SG
[72] IGAWA, TOMOYUKI, JP
[72] KATADA, HITOSHI, JP
[72] HORI, YUJI, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
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[54] **AEROSOL-GENERATING ARTICLE, AEROSOL-GENERATING PELLET, METHOD FOR FORMING AEROSOL-GENERATING PELLETS AND AEROSOL-GENERATING SYSTEM COMPRISING AEROSOL-GENERATING PELLETS**
[54] **ARTICLE DE GENERATION D'AEROSOL, PASTILLE DE GENERATION D'AEROSOL, PROCEDE DE FORMATION DE PASTILLES DE GENERATION D'AEROSOL ET SYSTEME DE GENERATION D'AEROSOL COMPRENANT DES PASTILLES DE GENERATION D'AEROSOL**
[72] ROJO-CALDERON, NOELIA, CH
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **AEROSOL-GENERATING SYSTEM AND CAPSULE FOR USE IN AN AEROSOL-GENERATING SYSTEM**
[54] **SYSTEME DE GENERATION D'AEROSOL ET CAPSULE DESTINEE A ETRE UTILISEE DANS UN SYSTEME DE GENERATION D'AEROSOL**
[72] APETREI BIRZA, CRISTINA, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **PROCESS FOR THE PREPARATION OF FEXOFENADINE AND OF INTERMEDIATES USED THEREIN**
[54] **PROCEDE DE PREPARATION DE FEXOFENADINE ET D'INTERMEDIAIRES UTILISES DANS CELLE-CI**
[72] WEHLAN, HERMUT, DE
[72] ROSSEN, KAI, DE
[72] BILLEN, GUENTER, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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[25] EN
[54] **SUBMODULE AND ASSOCIATED DEVICE FOR VARYING/ADJUSTING THE HEIGHT OF A PLATE SUPPORTING VACCINE/NUTRIENT INJECTORS FOR ADAPTING THE RATIO BETWEEN THE PATH OF THE NEEDLE AND EGG SIZE, USED IN SUBSTANCE APPLICATION MODULE OF AN EGG VACCINATION/NUTRITION SYSTEM AND EQUIPMENT**
[54] **SOUS-MODULE ET SON DISPOSITIF DE VARIATION/AJUSTEMENT DE HAUTEUR DE PLAQUE DE SUPPORT D'INJECTEURS DE VACCIN/NUTRIMENTS POUR ADAPTATION DU RAPPORT COURSE DE L'AIGUILLE/TAILLE DE L'OEUF, POUR MODULE D'INTRODUCTION DE SUBSTANCES D'UN SYSTEME ET D'UN EQUIPEMENT DE VACCINATION/NUTRITION D'OEUFS**
[72] BASTOS, CESAR DA SILVA, BR
[71] CEVA SAUDE ANIMAL LTDA., BR
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[54] **MACHINE FOR SHAPING RECTANGULAR WIRE COIL HEADS AND METHOD THEREFOR**
[54] **MACHINE DE FACONNAGE DE TETES DE BOBINE DE FIL RECTANGULAIRE ET PROCEDE CORRESPONDANT**
[72] BIHARI, GYULA, CA
[71] TM4 INC., CA
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[54] **DISPOSITIFS DE SPECTRE SOLAIRE GLOBAL ET PROCEDES**
[72] BEAL, RICHARD, CA
[72] TATSIANKOU, VIKTAR, CA
[71] SPECTRAFY INC., CA
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[54] **SOUPAPE DE DERIVATION MULTI-ETAGEE**
[72] SHEPPARD, JEFF, CA
[72] BHATIA, SACHIN, CA
[71] DANA CANADA CORPORATION, CA
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[54] **CELLULOSE-BASED ORGANIC PIGMENTS**
[54] **PIGMENTS ORGANIQUES A BASE DE CELLULOSE**
[72] ANDREWS, MARK P., CA
[72] MORSE, TIMOTHY, CA
[71] ANOMERA INC., CA
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[54] **DEVICE AND METHOD FOR GENERATING OXIDANTS IN SITU**
[54] **DISPOSITIF ET PROCEDE DE GENERATION D'OXYDANTS IN SITU**
[72] XIA, ZIJUN, CN
[72] SUI, CAROLINE CHIHYU, US
[72] XU, YIDA, CN
[72] ZHANG, XING, CN
[72] HUANG, QUNJIAN, CN
[72] VASCONCELLOS, STEPHEN ROBERT, US
[72] SALERNO, MICHAEL BRIAN, US
[71] BL TECHNOLOGIES, INC., US
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[25] EN
[54] **BENZOFURAN DERIVATIVE, PREPARATION METHOD THEREOF AND USE THEREOF IN MEDICINE**
[54] **DERIVE DU BENZOFURANE, SON PROCEDE DE PREPARATION ET SON UTILISATION EN MEDECINE**
[72] LU, BIAO, CN
[72] SHEN, XIAODONG, CN
[72] HE, MINGXUN, CN
[72] LIU, DONG, CN
[72] ZHANG, MINSHENG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
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[54] **METHODS AND PROCESSES FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS**
[54] **METHODES ET PROCEDES D'EVALUATION NON INVASIVE DE VARIATIONS GENETIQUES**
[72] DECIU, COSMIN, US
[72] KIM, SUNG, US
[72] ZHAO, CHEN, US
[72] HANNUM, GREGORY, US
[71] SEQUENOM, INC., US
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[54] **INSECTICIDAL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS INSECTICIDES ET PROCEDES ASSOCIES**
[72] CRAWFORD, MICHAEL J., US
[72] DIMMIC, MATTHEW, US
[72] LAWRENCE, RAE, US
[72] TAYLOR, CHRISTINA MARIE, US
[71] MONSANTO TECHNOLOGY LLC, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR APPLICATION OVER SKIN**
[54] **COMPOSITIONS ET PROCEDES DESTINES A UNE APPLICATION SUR LA PEAU**
[72] AKTHAKUL, ARIYA, US
[72] RAMADURAI, NITHIN, US
[72] NASHAT, AMIR, US
[72] BECCATI, DANIELA, US
[72] BOUTHILLETTE, MELANEY, US
[71] SHISEIDO AMERICAS CORPORATION, US
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[54] **AVIONICS SYSTEM, ARCHITECTURE, AND METHOD**
[54] **SYSTEME D'AVIONIQUE, ARCHITECTURE ET PROCEDE**
[72] BLOCK, GERALD J., US
[72] FADDEN, DELMAR M., US
[72] MORTON, JOHN, III, US
[71] SANDEL AVIONICS, INC., US
[85] 2018-04-17
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[30] US (62/254,983) 2015-11-13
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[54] **WATER-COOLED LED LIGHTING SYSTEM FOR INDOOR FARMING**
[54] **SYSTEME D'ECLAIRAGE A DEL REFROIDI PAR EAU POUR CULTURE EN SALLE**
[72] STOREY, NATHANIEL R., US
[72] SMITH, DAMON HENRY, US
[72] STUTZMAN, KENNETH, US
[71] BRIGHT AGROTECH, LLC, US
[71] YI, LIM JING, SG
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[54] **SINGLE PHASE WHITENING DENTIFRICE WITH HIGH PURITY METAPHOSPHATE ABRASIVE**
[54] **DENTIFRICE BLANCHISSANT A PHASE UNIQUE AU MOYEN D'ABRASIF DE METAPHOSPHATE DE HAUTE PURETE**
[72] FEI, LIN, US
[72] MANDADI, PRAKASARAO, US
[72] CHOPRA, SUMAN, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **ADAPTER FOR COMBUSTION TOOL FUEL CELLS**
[54] **ADAPTATEURS POUR PILES A COMBUSTIBLE POUR OUTILS DE COMBUSTION**
[72] SHEA, MAUREEN L., US
[72] KY, ANNA, US
[72] OWENS, DESHAUNNE LEANNE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-04-17
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[25] EN
[54] **SYSTEM AND METHOD FOR FACTORY CALIBRATION OR REDUCED CALIBRATION OF AN INDWELLING SENSOR BASED ON SENSITIVITY PROFILE**
[54] **SYSTEME ET PROCEDE D'ETALONNAGE EN USINE OU D'ETALONNAGE SIMPLIFIE D'UN CAPTEUR A DEMEURE EN FONCTION D'UN PROFIL DE SENSIBILITE**
[72] MA, RUI, US
[72] BHAVARAJU, NARESH C., US
[72] HAMILTON, THOMAS STUART, US
[72] HUGHES, JONATHAN, US
[72] JACKSON, JEFF, US
[72] LEE, DAVID I-CHUN, US
[72] SIMPSON, PETER C., US
[72] VANSLYKE, STEPHEN J., US
[71] DEXCOM, INC., US
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[54] **SYSTEM AND METHOD FOR AIRCRAFT OPERATIONS INCLUDING PATH GUIDANCE PANEL WITH CONDITIONAL WAYPOINTS**
[54] **SYSTEME ET PROCEDE POUR DES OPERATIONS D'AERONEF COMPRENANT UN PANNEAU DE GUIDAGE DE TRAJECTOIRE AVEC DES POINTS DE CHEMINEMENT CONDITIONNELS**
[72] BLOCK, GERALD J., US
[72] SLATTERY, JIM, US
[72] BLEEG, ROBERT J., US
[72] FADDEN, DELMAR M., US
[72] TAYLOR, RICHARD W., US
[71] SANDEL AVIONICS, INC., US
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[54] **RANDOM ACCESS CHANNEL SIGNALING ON A SHARED COMMUNICATION MEDIUM**
[54] **SIGNALISATION DE PARAMETRES DE CANAL D'ACCES ALEATOIRE SUR UN SUPPORT DE COMMUNICATION PARTAGE**
[72] PATEL, CHIRAG SURESHBHAI, US
[72] LUO, TAO, US
[72] LIU, CHIH-HAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-04-17
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[25] EN
[54] **MULTILAYER COMPOSITE COMPONENT**
[54] **ELEMENT COMPOSITE STRATIFIE**
[72] KUHN, MARVIN, DE
[72] RAHMANN, UWE, DE
[72] BARTL, CHRISTINA, DE
[72] VINKE, DANIEL, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[25] EN
[54] **SELECTING A PARENT NODE IN A TIME-SLOTTED CHANNEL HOPPING NETWORK**
[54] **SELECTION DE N□UD PARENT DANS UN RESEAU A SAUT DE CANAL A INTERVALLE DE TEMPS**
[72] SHUDARK, JEFFREY, US
[72] HANLEY, JAMES PATRICK, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2018-04-17
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[54] **BIELASTIC FABRIC AND ITS MANUFACTURING PROCESS**
[54] **TISSU BIELASTIQUE ET SON PROCEDE DE FABRICATION**
[72] DENNA, LUCA, IT
[72] DENNA, MASSIMILIANO, IT
[72] DENNA, ROBERTO, IT
[71] ARTEX S.R.L., IT
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[54] **METHODE DE FABRICATION DE FORMES DE DOSAGE DE TYPE PELLICULE**
[72] BOTZEM, PETRA, DE
[72] GRUNENBERG, TORSTEN, DE
[72] HILLE, THOMAS, DE
[72] STEINBORN, PETER, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[54] **COMPONENT MADE OF METALLIC COMPOSITE MATERIAL AND METHOD FOR THE MANUFACTURE OF THE COMPONENT BY HOT FORMING**
[54] **ELEMENT FAIT EN UN MATERIAU COMPOSITE METALLIQUE ET SON PROCEDE DE FABRICATION PAR FORMAGE A CHAUD**
[72] BRUCKNER, GABRIELE, DE
[72] FROHLICH, THOMAS, DE
[72] NENTWIG, THOMAS, DE
[72] SKRLEC, JASMINKO, DE
[72] LINDNER, STEFAN, DE
[71] OUTOKUMPU OYJ, FI
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[54] **COMPOSITIONS FOR TREATING SPINAL MUSCULAR ATROPHY**
[54] **COMPOSITIONS POUR LE TRAITEMENT D'UNE AMYOTROPHIE SPINALE**
[72] ALSENZ, JOCHEM, CH
[72] GRASSMANN, OLAF, CH
[72] KUEHL, PETER, CH
[72] METZGER, FRIEDRICH, CH
[72] MCCARTHY, KATHLEEN DOROTHY, CH
[72] MORAWSKI VIANNA, EDUARDO PAULO, CH
[72] WOODHOUSE, MARVIN LLOYD, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **COMPOUNDS FOR TREATMENT OF HYPOPROLIFERATIVE DISORDERS**
[54] **COMPOSES DESTINES AU TRAITEMENT DE DESORDRES HYPERPROLIFERATIFS**
[72] FLYGARE, JOHAN, SE
[72] JOHANSSON, LARS, SE
[72] LUNDBACK, THOMAS, SE
[71] LU LICENSE AB, SE
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[54] **GRANULAR PELLETIZED GLASS MATERIAL WITH TRACE ELEMENTS, ESPECIALLY AS GROWTH SUPPORT FOR SELECTIVE NUTRIENT SUPPLY OF MICROORGANISMS**
[54] **GRANULE DE VERRE EXPANSIBLE COMPORTANT DES OLIGO-ELEMENTS, SERVANT NOTAMMENT DE SUPPORT DE CROISSANCE POUR L'APPROVISIONNEMENT CIBLE DE MICRO-ORGANISMES EN ELEMENTS NUTRITIFS**
[72] WEINBERGER, KARL, DE
[71] DENNERT PORAVER GMBH, DE
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[54] **RETRO-REFLECTIVE BODY WITH A COLOR EFFECT AND PRODUCTION METHOD**
[54] **CORPS RETROREFLECHISSANT A EFFET DE COULEUR ET PROCEDE DE FABRICATION**
[72] PFUNDSTEIN, BERND, DE
[71] ERICH UTSCH AG, DE
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[25] EN
[54] **SLIDE CLOSURE ON THE SPOUT OF A METALLURGICAL VESSEL**
[54] **FERMETURE COULISSANTE A LA SORTIE DE COULEE D'UN RECIPIENT METALLURGIQUE**
[72] VUKOVIC, GORAN, AT
[72] GAMWEGER, KLAUS, AT
[72] ZIVANOVIC, BOJAN, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[54] **SYSTEME ET PROCEDE DE COMMANDE**
[72] HYDEN, DANIEL, GB
[72] WILSON, JONATHAN, GB
[72] SCOTT, KEVIN, GB
[71] ALEXANDER DENNIS LIMITED, GB
[85] 2018-04-18
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[25] EN
[54] **METHOD FOR DATA TRANSMISSION IN A RESISTANCE-WELDING CURRENT SOURCE AND RESISTANCE-WELDING CURRENT SOURCE FOR CARRYING OUT THE METHOD**
[54] **PROCEDE DE TRANSMISSION DE DONNEES DANS UNE SOURCE DE COURANT DE SOUDAGE PAR RESISTANCE ET SOURCE DE COURANT DE SOUDAGE PAR RESISTANCE POUR LA MISE EN OEUVRE DU PROCEDE**
[72] ARTELSMAIR, BERNHARD, AT
[72] HORTENHUBER, MARTIN, AT
[71] FRONIUS INTERNATIONAL GMBH, AT
[85] 2018-04-18
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[54] **POSTAL SORTING APPARATUS COMPRISING AN EXCHANGER FOR OBLIQUELY ORIENTED DIHEDRAL SHUTTLE BINS**
[54] **EQUIPEMENT DE TRI POSTAL AVEC UN ECHANGEUR DE BACS NAVETTE EN FORME DE DIEDRE ORIENTES DE FACON OBLIQUE**
[72] PELLEGRIN, LAURENT, FR
[72] DE SOUSA, OLIVIER, FR
[72] DUBOSCQ, JEREMY, FR
[71] SOLYSTIC, FR
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[54] **PREPARATION ET CRISTALLISATION INNOVANTES DE L'IOSIMENOL**
[72] MALINAK, JIRI, CZ
[72] HLAVACEK, IVAN, CZ
[72] PROKOP, JIRI, CZ
[72] MASUDA, YOSHITO, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
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[54] **METHOD AND DEVICE OF MAKING A SUSPENSION OF MICROPARTICLES HOMOGENEOUSLY DISTRIBUTED IN AN AQUEOUS LIQUID CARRIER**
[54] **PROCEDE ET DISPOSITIF DE PREPARATION DE SUSPENSION DE MICROPARTICULES REPARTIES DE MANIERE HOMOGENE DANS UN TRANSPORTEUR LIQUIDE AQUEUX**
[72] JAKOB, LAURENT, CH
[72] RIVAS, FREDERIC, CH
[71] BRACCO SUISSE SA, CH
[85] 2018-04-18
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[54] **POSTAL SORTING APPARATUS WITH A DESTACKER MAGAZINE FORMING A FORK AND COMPRISING A LIFTABLY MOVABLE PORTION**
[54] **EQUIPEMENT DE TRI POSTAL AVEC UN MAGASIN DE DEPILEUR FORMANT UNE FOURCHE ET COMPORTANT UNE SECTION MOBILE EN ELEVATION**
[72] DE SOUSA, OLIVIER, FR
[72] DUBOSCQ, JEREMY, FR
[71] SOLYSTIC, FR
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[54] **PROCEDE D'ENRICHISSEMENT DE NUCLEOSOMES ACELLULAIRES**
[72] MICALLEF, JACOB VINCENT, BE
[72] ECCLESTON, MARK EDWARD, BE
[71] BELGIAN VOLITION SPRL, BE
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[25] EN
[54] **CONTACT LENS PACKAGING SOLUTIONS**
[54] **SOLUTIONS DE CONDITIONNEMENT POUR LENTILLES DE CONTACT**
[72] MUYA, LEROY WAINAINA, US
[72] KETELSON, HOWARD ALLEN, US
[71] NOVARTIS AG, CH
[85] 2018-04-18
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[54] **IMMERSION NOZZLE**
[54] **BUSE IMMERGEE**
[72] FUKUNAGA, SHINICHI, JP
[72] MIZOBE, ARITO, JP
[72] OKI, KENICHI, JP
[72] FURUKAWA, HIROKI, JP
[71] KROSAKIHARIMA CORPORATION, JP
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[25] EN
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[54] **MOYENS ET METHODES POUR LE TRAITEMENT DU VHB**
[72] PROTZER, ULRIKE, DE
[72] BAUER, TANJA, DE
[72] KOSINSKA, ANNA, DE
[72] MUECK-HAEUSL, MARTIN, DE
[71] HELMHOLTZ ZENTRUM MUENCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT (GMBH), DE
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[25] EN
[54] **ANTI-ALLERGIC AGENT FOR INFANTS**
[54] **AGENT ANTIALLERGIQUE POUR NOURRISSONS**
[72] KOSHIDA, SHIGEKI, JP
[72] TERAHARA, MASAKI, JP
[71] MEIJI CO., LTD., JP
[71] SHIGA UNIVERSITY OF MEDICAL SCIENCE, JP
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[54] **PRESENTOIR PLIABLE OPTIMISE**
[72] LOPEZ FERNANDEZ, FRANCISCO, ES
[71] FASTER DISPLAYS LLC, US
[85] 2018-04-18
[86] 2016-11-24 (PCT/IB2016/057111)
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[54] **METHOD FOR PRODUCING ASH-FREE COAL**
[54] **PROCEDE DE PRODUCTION DE CHARBON SANS CENDRES**
[72] SAKAI, KOJI, JP
[72] OKUYAMA, NORIYUKI, JP
[72] YOSHIDA, TAKUYA, JP
[72] KINOSHITA, SHIGERU, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[25] EN
[54] **INFECTION PROTECTIVE AGENT FOR INFANTS**
[54] **AGENT DE PROTECTION CONTRE L'INFECTION DESTINE AUX BEBES**
[72] KOSHIDA, SHIGEKI, JP
[72] TERAHARA, MASAKI, JP
[71] MEIJI CO., LTD., JP
[71] SHIGA UNIVERSITY OF MEDICAL SCIENCE, JP
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[25] EN
[54] **LAMINATED BASE MATERIAL AND METHOD FOR MANUFACTURING FIBER-REINFORCED PLASTIC**
[54] **MATERIAU A BASE STRATIFIEE ET METHODE DE FABRICATION D'UN PLASTIQUE RENFORCE DE FIBRE**
[72] NAITO, YUTA, JP
[72] FUJITA, YUZO, JP
[72] TAKEDA, ICHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **COMPOSITION FOR TREATMENT OF INFERTILITY IN A FEMALE SUBJECT**
[54] **COMPOSITION POUR LE TRAITEMENT DE L'INFERTILITE CHEZ LE SUJET DE SEXE FEMININ**
[72] SPIRA, JACK, SE
[71] ISIFER AB, SE
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[54] **SHOOTING-TYPE TOY**
[54] **JOUET DE TIR**
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[71] CHOI, JONG-ILL, KR
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[54] **HINT MODEL UPDATING USING AUTOMATED BROWSING CLUSTERS**
[54] **MISE A JOUR DE MODELE D'OPTIMISATION AU MOYEN DE GRAPPES DE NAVIGATION AUTOMATIQUE**
[72] PROUTY, ERIC, US
[72] LEPESKA, PETER, US
[72] LERNER, DAVID, US
[71] VIASAT, INC., US
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[25] EN
[54] **UNITIZED FORMED CONSTRUCTION MATERIALS AND METHODS FOR MAKING SAME**
[54] **MATERIAUX DE CONSTRUCTION FORMES UNITISES ET LEURS PROCEDES DE FABRICATION**
[72] RUSSELL, MATTHEW F., US
[71] RJSK, LLC, US
[85] 2018-04-18
[86] 2016-10-25 (PCT/US2016/000087)
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[54] **COMPOSITIONS CONTAINING PROTEIN LOADED EXOSOME AND METHODS FOR PREPARING AND DELIVERING THE SAME**
[54] **COMPOSITIONS CONTENANT UN EXOSOME CHARGE D'UNE PROTEINE, ET PROCEDES DE PREPARATION ET D'ADMINISTRATION CORRESPONDANTS**
[72] CHOI, CHULHEE, KR
[72] CHOI, KYUNGSUN, KR
[72] RYU, SEUNG-WOOK, KR
[72] YIM, NAMBIN, KR
[72] CHOI, HOJUN, KR
[71] CELLEX LIFE SCIENCES, INCORPORATED, KR
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[54] **RACCORDS DE TUYAU A AMPLIFICATEUR HELICOIDAL**
[72] SCHMIDT, PAUL, US
[72] SOMARAKIS, JOHN, US
[71] SOMARAKIS, INC., US
[85] 2018-04-18
[86] 2015-10-20 (PCT/US2015/056536)
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[54] **DUAL MODE GAMING SYSTEM WITH BINGO PROGRESSIVE PLUG-IN**
[54] **SYSTEME DE JEU BIMODE AVEC MODULE D'EXTENSION PROGRESSIF DE BINGO**
[72] WEINGARDT, GARY, US
[72] LOEBIG, GARY L., US
[72] WEINGARDT, GAMIN, US
[72] LIND, JEFFERSON CRAIG, US
[71] MPBINGO LLC, US
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[86] 2015-10-22 (PCT/US2015/056860)
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[54] **LIVER-SPECIFIC CONSTRUCTS, FACTOR VIII EXPRESSION CASSETTES AND METHODS OF USE THEREOF**
[54] **CONSTRUCTIONS SPECIFIQUES AU FOIE, CASSETTES D'EXPRESSION DU FACTEUR VIII ET LEURS METHODES D'UTILISATION**
[72] RILEY, BRIGIT E., US
[72] LEE, GARY K., US
[71] SANGAMO THERAPEUTICS, INC., US
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[86] 2016-07-13 (PCT/US2016/042099)
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[54] **BILE ACID BIOMARKERS FOR NIEMANN-PICK DISEASES, METHODS AND USES THEREFOR**
[54] **BIOMARQUEURS D'ACIDE BILIAIRE POUR LES MALADIES DE NIEMANN-PICK, LEURS PROCEDES ET LEURS UTILISATIONS**
[72] ORY, DANIEL, US
[72] JIANG, XUNTIAN, US
[71] WASHINGTON UNIVERSITY, US
[85] 2018-04-18
[86] 2015-10-28 (PCT/US2015/057840)
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[54] **ENVIRONMENTALLY RESPONSIBLE INSULATING CONSTRUCTION BLOCKS**
[54] **BLOCS DE CONSTRUCTION ISOLANT RESPECTUEUX DE L'ENVIRONNEMENT**
[72] SPREEN, RICHARD D., US
[71] THE SHREDDED TIRE INC., US
[85] 2018-04-18
[86] 2015-11-17 (PCT/US2015/061055)
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[25] EN
[54] **NON-CORROSIVE NITRIFICATION INHIBITOR POLAR SOLVENT FORMULATION**
[54] **FORMULATION A BASE DE SOLVANT POLAIRE D'INHIBITEUR DE NITRIFICATION NON CORROSIF**
[72] DAVE, HITESHKUMAR, US
[72] LIU, LEI, US
[72] WILLIAMS, ALEX, US
[72] GOYAL, RAJESH, IN
[72] FRADETTE, NICHOLAS, US
[72] MOREAU, CHLOE, FR
[72] ARMISEN, SAMANTHA, FR
[72] MAYER, KEVIN, US
[71] DOW AGROSCIENCES LLC, US
[71] RHODIA OPERATIONS, FR
[85] 2018-04-18
[86] 2016-07-28 (PCT/US2016/044461)
[87] (WO2017/069827)
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[30] US (62/244,902) 2015-10-22
[30] US (62/244,903) 2015-10-22
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[25] EN
[54] **FLY ASH-CONTAINING CONSTRUCTION MATERIAL WITH IMPROVED STRENGTH AND WATER RESISTANCE AND METHODS OF FORMING THE SAME**
[54] **MATERIAU DE CONSTRUCTION CONTENANT DES CENDRES VOLANTES PRESENTANT UNE SOLIDITE ET UNE RESISTANCE A L'EAU AMELIOREES ET PROCEDES POUR LE FORMER**
[72] ZHANG, JINHONG, US
[72] FENG, QINGMING, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2018-04-18
[86] 2016-10-14 (PCT/US2016/057159)
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[25] EN
[54] **NON-CORROSIVE NITRIFICATION INHIBITOR POLAR SOLVENT FORMULATION**
[54] **FORMULATION A BASE DE SOLVANT POLAIRE D'INHIBITEUR DE NITRIFICATION NON CORROSIF**
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[72] LIU, LEI, US
[72] WILLIAMS, ALEX, US
[72] GOYAL, RAJESH, IN
[72] FRADETTE, NICHOLAS, US
[72] MOREAU, CHLOE, FR
[72] ARMISEN, SAMANTHA, FR
[72] MAYER, KEVIN, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-04-18
[86] 2016-07-28 (PCT/US2016/044484)
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[30] US (62/244,901) 2015-10-22
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[54] **DEUTERATED COMPOUNDS FOR TREATING HEMATOLOGIC MALIGNANCIES, AND COMPOSITIONS AND METHODS THEREOF**
[54] **COMPOSES DEUTERES POUR LE TRAITEMENT D'HEMOPATHIES MALIGNES, COMPOSITIONS ET PROCEDES ASSOCIES**
[72] HUANG, CHAORAN, US
[72] CHENG, CHANGFU, US
[71] NEUFORM PHARMACEUTICALS, INC., US
[85] 2018-04-18
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[54] **HAIR ADDITION DRYING SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE SECHAGE DE RAJOUTS DE CHEVEUX**
[72] PALMER, KIMBERLY NICOLE, US
[71] PALMER, KIMBERLY NICOLE, US
[85] 2018-04-18
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[25] EN
[54] **ORDER PICKER MATERIALS HANDLING VEHICLE WITH IMPROVED DOWNWARD VISIBILITY WHEN DRIVING ELEVATED**
[54] **VEHICULE DE MANIPULATION DE MATERIAUX A RAMASSEUR DE COMMANDES A VISIBILITE VERS LE BAS AMELIOREE LORS DE LA CONDUITE EN HAUTEUR**
[72] KRAIMER, JAMES V., DE
[72] BABEL, CHRISTOPH, DE
[71] CROWN EQUIPMENT CORPORATION, US
[85] 2018-04-18
[86] 2016-10-05 (PCT/US2016/055410)
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[25] EN
[54] **METHODS AND SYSTEMS FOR REMOVING POLAR COMPOUNDS FROM A METAL-CONTAINING SOLUTION**
[54] **PROCEDES ET SYSTEMES D'ELIMINATION DE COMPOSES POLAIRES PRESENTS DANS UNE SOLUTION CONTENANT UN OU PLUSIEURS METAUX**
[72] BENDER, JACK THOMAS, US
[72] OLIVER, NOAH, US
[72] EMMERICH, NATHAN CLARK, US
[72] HIGHT, LAUREN, US
[72] VIRNIG, MICHAEL, US
[71] BASF SE, DE
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[54] **UPHOLSTERED FURNITURE WITH INTEGRATED BACK REST PORTION WEBBING SUPPORT**
[54] **ELEMENT D'AMEUBLEMENT REMBOURRE A SUPPORT DE SANGLAGE INTEGRE DANS LA PARTIE DE DOSSIER**
[72] LEWIS, JAMES ALLEN, US
[72] STOKES, PHILIP LEE, US
[72] SUDDUTH, JAMES ANTHONY, US
[72] HOLLEY, JIMMY DALE, US
[71] ASHLEY FURNITURE INDUSTRIES, INC., US
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[54] **UPHOLSTERED FURNITURE PIECE HAVING UPHOLSTERED ARM PANELS**
[54] **ELEMENT D'AMEUBLEMENT CAPITONNE A PANNEAUX DE BRAS CAPITONNES**
[72] LEWIS, JAMES ALLEN, US
[72] STOKES, PHILIP LEE, US
[72] SUDDUTH, JAMES ANTHONY, US
[72] HOLLEY, JIMMY DALE, US
[71] ASHLEY FURNITURE INDUSTRIES, INC., US
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[54] **METHODS AND SYSTEMS FOR CLEARING SENSOR OCCLUSIONS**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE DEGAGER DES BOUCHONS DE CAPTEUR**
[72] LUDERS, BRANDON DOUGLAS, US
[72] CAMPBELL, TIM, US
[72] FAIRFIELD, NATHANIEL, US
[71] WAYMO LLC, US
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[54] **SYSTEMS AND METHODS FOR MEDICAL DEVICE CONTROL**
[54] **SYSTEMES ET PROCEDES DE COMMANDE D'UN DISPOSITIF MEDICAL**
[72] FRIEDMAN, EVAN, US
[72] WANG, KAI-ROY, US
[72] BARERE, AARON, US
[72] JESSOP, ISRAEL JAMES, US
[72] COLLINS, BRENDAN P., US
[72] HUGGER, DEREK, US
[72] LABAK, CHRISTOPHER, US
[72] WOODRUFF, SCOTT, US
[71] LIFECELL CORPORATION, US
[85] 2018-04-18
[86] 2016-10-21 (PCT/US2016/058171)
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[54] **POLYMERASE Q AS A TARGET IN HR-DEFICIENT CANCERS**
[54] **POLYMERASE Q UTILISEE COMME CIBLE DANS DES CANCERS DEFICIENTS EN RH**
[72] D'ANDREA, ALAN D., US
[72] CECCALDI, RAPHAEL, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-04-18
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD FOR RECOMMENDING, MONITORING, SELECTING, PURCHASING, DELIVERING GIFTS**
[54] **PROCEDE POUR RECOMMANDER, SURVEILLER, SELECTIONNER, ACHETER ET DISTRIBUER DES CADEAUX**
[72] BORUHOVIN, ELIZABETH, US
[71] BORUHOVIN, ELIZABETH, US
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[54] **COLOR MANAGEMENT FOR FABRICATION SYSTEMS**
[54] **GESTION DES COULEURS POUR DES SYSTEMES DE FABRICATION**
[72] TEVERIS, HAROLD A., US
[71] GERBER TECHNOLOGY LLC, US
[85] 2018-04-18
[86] 2016-10-24 (PCT/US2016/058531)
[87] (WO2017/070698)
[30] US (14/920,496) 2015-10-22

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[54] **CLEANING AND DISINFECTING COMPOSITION**
[54] **COMPOSITION NETTOYANTE ET DESINFECTANTE**
[72] FRANCISKOVICH, PHILLIP P., US
[72] ROSENHAMER, DONALD G., US
[72] FIX, KATHLEEN A., US
[71] AMERICAN STERILIZER COMPANY, US
[85] 2018-04-18
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[54] **SHELL DATABASE ARCHITECTURE FOR INVENTORY MANAGEMENT**
[54] **ARCHITECTURE DE BASE DE DONNEES DE COQUILLES DE GESTION DE STOCKS**
[72] BELCHER, DONALD ANTONY, US
[72] WARREN, WESLEY JOHN, US
[72] LUCAS, BRYAN CHAPMAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-04-18
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[25] EN
[54] **CONTAINER AND PREFORM WITH NECK FINISH**
[54] **RECIPIENT ET PREFORME AVEC FINI DE COL**
[72] MARINA, CARLOS HERNAN, US
[72] TALSANIA, SAMEER KIRTI, US
[72] BAUMGARTNER, JEAN-CLAUDE, CH
[72] BRUNELLA, ERIC JAY, US
[72] FABOZZI, THIERRY JEAN ROBERT, CH
[72] FORT, TUCKER H., US
[72] LASHAWAY, DANA MARIE, CH
[72] POSEY, WAYNE ALLEN, US
[72] WORDEN, MORRIS ELIJAH, IV, US
[71] PEPSICO, INC., US
[85] 2018-04-18
[86] 2016-10-25 (PCT/US2016/058671)
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[30] US (62/248,708) 2015-10-30

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[51] **Int.Cl. E21B 21/06 (2006.01) E21B 21/01 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **TREATMENT OF RECOVERED COMMERCIAL SOLIDS FOR USE IN OILFIELD FLUIDS**
[54] **TRAITEMENT DE PRODUITS SOLIDES COMMERCIALISES RECUPERES POUR UNE UTILISATION DANS DES FLUIDES PETROLIERS**
[72] DAVIS, CHESNEE LAE, US
[72] NEWMAN, KATERINA V., US
[72] BURROWS, KIMBERLY JO, US
[72] SHUMWAY, WILLIAM WALTER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-04-18
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[25] EN
[54] **DIRECT CURRENT POWER SOURCE WITH REDUCED LINK CAPACITANCE FOR DOWNHOLE APPLICATIONS**
[54] **ALIMENTATION ELECTRIQUE EN COURANT CONTINU A CAPACITE DE LIAISON REDUITE DESTINEE A DES APPLICATIONS EN FOND DE TROU**
[72] RAJAGOPALAN, SATISH, US
[72] DOUGLAS, HUGH, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-04-18
[86] 2015-12-30 (PCT/US2015/067996)
[87] (WO2017/116428)

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[51] **Int.Cl. B65B 47/00 (2006.01) B65B 51/00 (2006.01) B65D 33/00 (2006.01) B65D 81/00 (2006.01)**
[25] EN
[54] **BAG WITH CUTS**
[54] **SAC AVEC DECOUPES**
[72] STOCK, JOHN M., US
[71] AUTOMATED PACKAGING SYSTEMS, INC., US
[85] 2018-04-18
[86] 2016-11-16 (PCT/US2016/062170)
[87] (WO2017/087454)
[30] US (62/255,743) 2015-11-16

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[51] **Int.Cl. B01J 13/16 (2006.01) B01J 13/18 (2006.01)**
[25] EN
[54] **MICROENCAPSULATION PROCESS**
[54] **PROCEDE DE MICROENCAPSULATION**
[72] DUAN, BIAO, US
[72] YAN, NIANXI, US
[71] ENCAPSYS, LLC, US
[85] 2018-04-18
[86] 2016-12-09 (PCT/US2016/065828)
[87] (WO2017/100572)
[30] US (62/265,302) 2015-12-09

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[51] **Int.Cl. B01F 3/12 (2006.01) B01F 7/00 (2006.01) B01F 7/24 (2006.01) B01F 15/00 (2006.01) C08B 1/00 (2006.01) D21B 1/34 (2006.01)**
[25] EN
[54] **HIGH-CONCENTRATION MIXER FOR PRODUCING A CELLULOSE SUSPENSION HAVING A HIGH CELLULOSE CONCENTRATION**
[54] **MELANGEUR HAUTE CONCENTRATION POUR LA FABRICATION D'UNE SUSPENSION DE CELLULOSE AVEC UNE CONCENTRATION EN CELLULOSE ELEVEE**
[72] PILLICHSHAMMER, JOHANN, AT
[72] SCHREMPF, CHRISTOPH, AT
[72] MAIER, MICHAEL, AT
[72] MALZNER, GERHARD, AT
[71] LENZING AKTIENGESELLSCHAFT, AT
[85] 2018-04-19
[86] 2016-10-04 (PCT/AT2016/050259)
[87] (WO2017/070720)
[30] AT (A 50923/2015) 2015-10-30

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[51] **Int.Cl. G06F 17/21 (2006.01) G06Q 10/10 (2012.01) G06Q 50/10 (2012.01) G06F 17/27 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD OF COMPUTERIZED PRESENTATION OF A LEGEND OF OBJECT SYMBOLS ON A DOCUMENT**
[54] **PROCEDE DE PRESENTATION INFORMATISEE D'UNE LEGENDE DE SYMBOLES D'OBJET SUR UN DOCUMENT**
[72] KUTILEK, JACK, US
[72] CHENAULT, ELLIOT, US
[71] BLUEBEAM, INC., US
[85] 2018-04-18
[86] 2016-10-26 (PCT/US2016/058877)
[87] (WO2017/075062)
[30] US (62/246,499) 2015-10-26
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[30] US (15/333,823) 2016-10-25

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[13] A1
[51] **Int.Cl. C10M 161/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC LUBRICATING OIL COMPOSITION CONTAINING A MIXTURE OF OLEFIN COPOLYMER DISPERSANT-TYPE VISCOSITY IMPROVER AND AMINE COMPOUND**
[54] **COMPOSITION D'HUILE LUBRIFIANTE SYNERGIQUE CONTENANT EN MELANGE UN AGENT AMELIORANT LA VISCOSITE DE TYPE DISPERSANT A BASE DE COPOLYMERE D'OLEFINE ET UN COMPOSE D'AMINE**
[72] CARABELL, KEVIN DAVID, US
[72] MILLER, JOHN ROBERT, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2018-04-18
[86] 2017-01-20 (PCT/US2017/014273)
[87] (WO2017/127637)
[30] US (62/281,972) 2016-01-22

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **PYRROLO-, PYRAZOLO-, IMIDAZO-PYRIMIDINE AND PYRIDINE COMPOUNDS THAT INHIBIT MNK1 AND MNK2**
[54] **COMPOSES PYRROLO-, PYRAZOLO-, IMIDAZO-PYRIMIDINE ET PYRIDINE INHIBANT MNK1 ET MNK2**
[72] SPRENGELER, PAUL A., US
[72] REICH, SIEGFRIED H., US
[72] ERNST, JUSTIN T., US
[72] WEBBER, STEPHEN E., US
[71] EFFECTOR THERAPEUTICS, INC., US
[85] 2018-04-18
[86] 2016-10-28 (PCT/US2016/059407)
[87] (WO2017/075412)
[30] US (62/247,966) 2015-10-29

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[51] **Int.Cl. F02D 41/14 (2006.01) F02D 19/06 (2006.01) F02D 19/10 (2006.01) F02D 41/20 (2006.01) F02D 41/24 (2006.01) F02D 41/30 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE WITH INJECTION QUANTITY CONTROL**
[54] **MOTEUR A COMBUSTION INTERNE AVEC COMMANDE DE LA QUANTITE D'INJECTION**
[72] SATRIA, MEDY, DE
[72] IMHOF, DINO, DE
[72] BURGMAIR, RAPHAEL, DE
[71] GE JENBACHER GMBH & CO OG, AT
[85] 2018-04-19
[86] 2016-11-03 (PCT/AT2016/060099)
[87] (WO2017/075642)
[30] EP (15192920.5) 2015-11-04

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/444 (2006.01) A61P 35/00 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **2-ARYL- AND 2-HETEROARYL-SUBSTITUTED 2-PYRIDAZIN-3(2H)-ONE COMPOUNDS AS INHIBITORS OF FGFR TYROSINE KINASES**
[54] **COMPOSES DE 2-PYRIDAZIN-3(2H)-ONE A SUBSTITUTION 2-ARYLE ET 2-HETEROARYLE UTILISES EN TANT QU'INHIBITEURS DE FGFR TYROSINE KINASES**
[72] ANDREWS, STEVEN W., US
[72] BLAKE, JAMES F., US
[72] COOK, ADAM, US
[72] GUNAWARDANA, INDRANI W., US
[72] HUNT, KEVIN W., US
[72] METCALF, ANDREW T., US
[72] MORENO, DAVID, US
[72] REN, LI, US
[72] TANG, TONY P., US
[71] ARRAY BIOPHARMA, INC., US
[85] 2018-04-18
[86] 2016-10-24 (PCT/US2016/058549)
[87] (WO2017/070708)
[30] US (62/245,956) 2015-10-23

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[13] A1
[51] **Int.Cl. B60P 1/28 (2006.01) B60P 1/04 (2006.01) B60P 1/16 (2006.01)**
[25] EN
[54] **AN IMPROVED HOIST PIVOT ARRANGEMENT FOR A DUMP TRUCK**
[54] **AGENCEMENT DE PIVOT DE LEVAGE AMELIORE POUR UN CAMION-BENNE**
[72] PETRIE, MARK, AU
[71] WILLINGDON PROPERTIES PTY LTD, AU
[85] 2018-04-19
[86] 2015-10-21 (PCT/AU2015/050650)
[87] (WO2017/066819)

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[51] **Int.Cl. A61K 31/568 (2006.01) A61K 31/4196 (2006.01) A61K 31/5685 (2006.01) A61K 31/585 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **METHODS OF REDUCING MAMMOGRAPHIC BREAST DENSITY AND/OR BREAST CANCER RISK**
[54] **PROCEDES DE REDUCTION DE LA DENSITE MAMMAIRE A LA MAMMOGRAPHIE ET/OU DU RISQUE DE CANCER DU SEIN**
[72] BIRRELL, STEPHEN NIGEL, AU
[71] HAVAH THERAPEUTICS PTY LTD, AU
[85] 2018-04-19
[86] 2016-10-17 (PCT/AU2016/050973)
[87] (WO2017/066827)
[30] AU (PCT/AU2015/000633) 2015-10-22
[30] US (62/324,525) 2016-04-19

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[51] **Int.Cl. B60W 40/04 (2006.01) B60W 40/06 (2012.01) G08G 1/097 (2006.01)**
[25] EN
[54] **ADVANCED WARNING SYSTEM**
[54] **SYSTEME D'ALARME PERFECTIONNE**
[72] MAYS, WESLEY M., US
[72] SCHALLER, DAVID ALLEN, US
[72] GLASMANN, RICHARD, US
[71] OMNITRACS, LLC, US
[85] 2018-04-18
[86] 2016-10-28 (PCT/US2016/059588)
[87] (WO2017/079067)
[30] US (14/935,193) 2015-11-06

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[51] **Int.Cl. B24C 1/00 (2006.01)**
[25] EN
[54] **BLAST MEDIA COMMINUTOR**
[54] **BROYEUR DE MILIEU ABRASIF**
[72] MALLALEY, DANIEL, US
[72] BROECKER, RICHARD JOSEPH, US
[71] COLD JET, LLC, US
[85] 2018-04-18
[86] 2016-10-19 (PCT/US2016/057718)
[87] (WO2017/070221)
[30] US (62/243,647) 2015-10-19

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[51] **Int.Cl. A61L 27/46 (2006.01) A61L 24/00 (2006.01) A61L 27/54 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **MATRIX FOR ENHANCED DELIVERY OF OSTEOINDUCTIVE MOLECULES IN BONE REPAIR**
[54] **MATRICE POUR AMELIORER L'ADMINISTRATION DE MOLECULES OSTEO-INDUCTRICES EN REPARATION OSSEUSE**
[72] VANDERPLOEG, ERIC, US
[72] SEEHERMAN, HOWARD, US
[72] WILSON, CHRISTOPHER G., US
[72] WOZNEY, JOHN, US
[72] BROWN, CHRISTOPHER TODD, US
[71] BIOVENTUS, LLC, US
[85] 2018-04-18
[86] 2016-10-31 (PCT/US2016/059782)
[87] (WO2017/075613)
[30] US (62/248,861) 2015-10-30

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[51] **Int.Cl. F16H 39/08 (2006.01) F16H 39/14 (2006.01) F16H 61/38 (2006.01)**
[25] EN
[54] **LOAD CANCELLING HYDROSTATIC SYSTEM**
[54] **SYSTEME HYDROSTATIQUE D'ANNULATION DE CHARGE**
[72] DYCK, GERALD, CA
[72] CALDARELLA, FRANCESCO, US
[72] CZEPAK, JOHN, CA
[71] KINETICS DRIVE SOLUTIONS INC., CA
[85] 2018-04-19
[86] 2016-11-21 (PCT/CA2016/051356)
[87] (WO2017/088045)
[30] US (62/260,198) 2015-11-25

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[13] A1
[51] **Int.Cl. C07D 265/36 (2006.01) A61K 31/167 (2006.01) A61K 31/18 (2006.01) A61K 31/351 (2006.01) A61K 31/4025 (2006.01) A61K 31/416 (2006.01) A61K 31/4162 (2006.01) A61K 31/4196 (2006.01) A61K 31/427 (2006.01) A61K 31/498 (2006.01) A61K 31/513 (2006.01) A61K 31/538 (2006.01) A61K 31/5415 (2006.01) A61P 35/00 (2006.01) C07C 235/56 (2006.01) C07C 237/20 (2006.01) C07C 311/29 (2006.01) C07D 231/56 (2006.01) C07D 249/12 (2006.01) C07D 279/16 (2006.01) C07D 309/34 (2006.01) C07D 401/14 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **PHARMACOPHORES, COMPOUNDS AND METHODS HAVING APPLICATION IN THE TREATMENT OF CANCER THROUGH INHIBITION OF CYP17A1 AND CYP19A1**
[54] **PHARMACOPHORES, COMPOSES ET PROCEDES AYANT UNE APPLICATION DANS LE TRAITEMENT DU CANCER PAR INHIBITION DE CYP17A1 ET CYP19A1**
[72] GUMEDE, NJABULO JOYFULL, ZA
[71] MANGOSUTHU UNIVERSITY OF TECHNOLOGY, ZA
[85] 2018-04-18
[86] 2016-10-22 (PCT/ZA2016/050041)
[87] (WO2017/070718)
[30] ZA (2015/07849) 2015-10-22

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[51] **Int.Cl. B66F 7/28 (2006.01) A61G 5/10 (2006.01) A61G 7/10 (2006.01) B66F 7/00 (2006.01) B66F 7/06 (2006.01) B66F 9/02 (2006.01)**
[25] EN
[54] **LIFTING MECHANISM**
[54] **MECANISME DE LEVAGE**
[72] LYKKEGAARD, FRANK, DK
[71] PRIDE MOBILITY PRODUCTS CORP., US
[85] 2018-04-18
[86] 2016-10-21 (PCT/US2016/058282)
[87] (WO2017/070586)
[30] DK (2015 00656) 2015-10-23

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[13] A1
[51] **Int.Cl. F02B 33/36 (2006.01) F02B 33/32 (2006.01) F02B 33/44 (2006.01) F04C 18/16 (2006.01) F04C 23/00 (2006.01) F04C 28/26 (2006.01)**
[25] EN
[54] **SUPERCHARGED INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE SURALIMENTE**
[72] HANSEN, CRAIG N., US
[72] CROSS, PAUL C., US
[71] HANSEN ENGINE CORPORATION, US
[85] 2018-04-18
[86] 2016-11-01 (PCT/US2016/059918)
[87] (WO2017/079163)
[30] US (62/249,874) 2015-11-02
[30] US (15/338,340) 2016-10-29

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[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/166 (2006.01) A61K 31/167 (2006.01) A61K 31/18 (2006.01) A61K 31/351 (2006.01) A61K 31/4025 (2006.01) A61K 31/416 (2006.01) A61K 31/4162 (2006.01) A61K 31/4196 (2006.01) A61K 31/427 (2006.01) A61K 31/498 (2006.01) A61K 31/513 (2006.01) A61K 31/538 (2006.01) A61K 31/5415 (2006.01) A61P 35/00 (2006.01) C07C 235/56 (2006.01) C07C 237/20 (2006.01) C07C 311/29 (2006.01) C07D 231/56 (2006.01) C07D 241/44 (2006.01) C07D 249/12 (2006.01) C07D 265/36 (2006.01) C07D 279/16 (2006.01) C07D 309/34 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **PHARMACOPHORES, COMPOUNDS AND METHODS HAVING APPLICATION IN THE TREATMENT OF CANCER THROUGH INHIBITION OF CYP17A1 AND CYP19A1**
[54] **PHARMACOPHORES, COMPOSES ET PROCEDES AYANT UNE APPLICATION DANS LE TRAITEMENT DU CANCER PAR INHIBITION DE CYP17A1 ET CYP19A1**
[72] GUMEDE, NJABULO JOYFULL, ZA
[71] MANGOSUTHU UNIVERSITY OF TECHNOLOGY, ZA
[85] 2018-04-18
[86] 2016-10-22 (PCT/ZA2016/050042)
[87] (WO2017/070719)
[30] ZA (2015/07849) 2015-10-22

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[51] **Int.Cl. B60G 11/27 (2006.01) B60G 7/00 (2006.01) B60G 11/28 (2006.01) B60G 11/30 (2006.01) B60G 17/056 (2006.01) F16F 9/04 (2006.01) F16F 9/05 (2006.01) F16K 17/196 (2006.01)**
[25] EN
[54] **CONTROL ARM END**
[54] **EXTREMITE DE BIELLE**
[72] FATH, STEFAN, DE
[72] NABER, THOMAS JOSEF, DE
[71] SAF-HOLLAND GMBH, DE
[85] 2018-04-19
[86] 2016-10-18 (PCT/EP2016/074964)
[87] (WO2017/067920)
[30] DE (10 2015 117 757.9) 2015-10-19

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[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE SYSTEM**
[54] **SYSTEME DE BOISSON**
[72] JARISCH, CHRISTIAN, CH
[72] CAMIER, NICOLAS, FR
[71] NESTEC S.A., CH
[85] 2018-04-19
[86] 2016-10-19 (PCT/EP2016/075065)
[87] (WO2017/067972)
[30] EP (15191164.1) 2015-10-23

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **NOVEL ANTI-CD3 ANTIBODIES AND THEIR USES**
[54] **CONJUGUES ANTI-CD3-FOLATE ET LEURS UTILISATIONS**
[72] HARUN, RASHID, US
[72] TIAN, FENG, US
[72] GYMNOPOULOS, MARCO, US
[71] AMBRX, INC., US
[85] 2018-04-18
[86] 2016-11-02 (PCT/US2016/060087)
[87] (WO2017/079272)
[30] US (62/250,451) 2015-11-03
[30] US (62/267,086) 2015-12-14
[30] US (62/374,693) 2016-08-12

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[13] A1
[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **TIME DEPENDENT PHYSIOLOGIC TISSUE SCAFFOLD**
[54] **ECHAFAUDAGE TISSULAIRE PHYSIOLOGIQUE DEPENDANT DU TEMPS**
[72] HILAS, GEORGIOS T., US
[72] TAYLOR, MICHAEL SCOTT, US
[72] MCCULLEN, SETH DYLAN, US
[72] CLINKSCALES, KENNETH W., US
[71] POLY-MED, INC., US
[85] 2018-04-18
[86] 2016-11-04 (PCT/US2016/060682)
[87] (WO2017/079659)
[30] US (62/250,568) 2015-11-04

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[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/113 (2010.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SYNTHETIC PROMOTOR INDUCED BY ABIOTIC STRESS, GENETIC CONSTRUCT CONTAINING SAME AND PLANT CELLS TRANSFORMED THEREWITH**
[54] **PROMOTEUR DE SYNTHESE INDUIT PAR STRESS ABIOTIQUE, CONSTRUCTION GENETIQUE LE CONTENANT ET CELLULES VEGETALES TRANSFORMEES AVEC LADITE CONSTRUCTION**
[72] RUIZ LARA, SIMON AURELIO, CL
[72] GONZALEZ VILLANUEVA, ENRIQUE RAMON, CL
[72] PEREZ DIAZ, JORGE LUIS, CL
[72] PEREZ DIAZ, JOSE RICARDO, CL
[72] YANEZ CHAVEZ, MONICA LORETO, CL
[72] VERDUGO BASTIAS, ISABEL ALEJANDRA, CL
[72] GONZALEZ DIAZ, SEBASTIAN ALEJANDRO, CL
[72] CHILIAN, RICARDO JAVIER, CL
[71] UNIVERSIDAD DE TALCA, CL
[85] 2018-04-19
[86] 2016-10-12 (PCT/CL2016/050053)
[87] (WO2017/066894)
[30] CL (3143-2015) 2015-10-23

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[51] **Int.Cl. C10L 3/00 (2006.01)**
[25] EN
[54] **ODORIZED METHANE FLUID AND PROCESSES FOR PRODUCING ODORIZED METHANE FLUIDS AND THE USE THEREOF**
[54] **LIQUIDE COMPRENANT DU METHANE PARFUME, PROCEDES DE PRODUCTION DE LIQUIDES COMPRENANT DU METHANE PARFUME ET LEUR UTILISATION**
[72] VAN DER VEER, WOUTER MARTINUS, NL
[72] MACDONALD, STUART MEREDITH, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-04-19
[86] 2016-10-20 (PCT/EP2016/075189)
[87] (WO2017/072015)
[30] EP (15191521.2) 2015-10-26

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[13] A1
[51] **Int.Cl. F28D 9/00 (2006.01) H01M 10/65 (2014.01) F28F 3/14 (2006.01)**
[25] EN
[54] **A STRUCTURAL SUPPORT ELEMENT IN HEAT EXCHANGERS**
[54] **ELEMENT DE SUPPORT STRUCTUREL DANS DES ECHANGEURS DE CHALEUR**
[72] KENNEY, BEN, CA
[72] VUCENIC, NIK, CA
[72] VANDERWEES, DOUG, CA
[71] DANA CANADA CORPORATION, CA
[85] 2018-04-19
[86] 2016-10-28 (PCT/CA2016/051246)
[87] (WO2017/070785)
[30] US (62/247,858) 2015-10-29

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[13] A1
[51] **Int.Cl. A23L 2/60 (2006.01) A23L 27/00 (2016.01) A23L 27/30 (2016.01)**
[25] EN
[54] **SWEETNESS ENHANCEMENT**
[54] **AMELIORATION DE LA SUCROSITE**
[72] KULKA, HEDY, US
[72] UNGUREANU, IONA MARIA, US
[71] GIVAUDAN SA, CH
[85] 2018-04-19
[86] 2016-10-20 (PCT/EP2016/075210)
[87] (WO2017/068034)
[30] US (62/244,808) 2015-10-22

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[13] A1
[51] **Int.Cl. C05C 1/00 (2006.01) C05C 3/00 (2006.01) C05D 9/00 (2006.01) C05F 5/00 (2006.01) C05F 7/00 (2006.01) C05F 9/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **A GRANULAR FERTILIZER OR SOIL CONDITIONER AND A USE THEREOF**
[54] **ENGRAIS OU CONDITIONNEUR DE SOL GRANULAIRE ET UTILISATION ASSOCIEE**
[72] JARVINEN, JARI, FI
[72] VIRTANEN, PASI J., FI
[72] MUSTONEN, KATI, FI
[71] BIOA OY, FI
[85] 2018-04-19
[86] 2016-10-20 (PCT/EP2016/075220)
[87] (WO2017/068038)
[30] FI (20155753) 2015-10-23

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[13] A1
[51] **Int.Cl. C10L 3/00 (2006.01)**
[25] EN
[54] **FLUID COMPRISING METHANE AND A TRACER, AND PROCESSES FOR PRODUCING IT AND THE USE THEREOF**
[54] **LIQUIDE CONTENANT DU METHANE ET UN TRACEUR, SES PROCEDES DE PRODUCTION ET SON UTILISATION**
[72] VAN DER VEER, WOUTER MARTINUS, NL
[72] MACDONALD, STUART MEREDITH, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
[54] **ANTIMICROBIAL LIGHT SOURCE ARRAY SYSTEM**
[54] **SYSTEME DE GROUPE DE SOURCES DE LUMIERE ANTIMICROBIEN**
[72] WEEKS, T. WARREN, JR., US
[72] DE OLIVEIRA, AVELINO, US
[71] HUBBELL INCORPORATED, US
[85] 2018-04-18
[86] 2016-11-10 (PCT/US2016/061234)
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[30] US (62/253,208) 2015-11-10

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[51] **Int.Cl. H04L 9/28 (2006.01) G06Q 20/40 (2012.01) G06F 21/62 (2013.01) H04L 9/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR VALIDATING AND PERFORMING OPERATIONS ON HOMOMORPHICALLY ENCRYPTED DATA**
[54] **SYSTEME ET PROCEDES DE VALIDATION ET D'EXECUTION D'OPERATIONS SUR DES DONNEES CHIFFREES DE MANIERE HOMOMORPHIQUE**
[72] GULAK, GLENN, CA
[72] KHEDR, ALHASSAN, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2018-04-19
[86] 2017-03-27 (PCT/CA2017/050382)
[87] (WO2017/177313)
[30] US (62/321,411) 2016-04-12
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[51] **Int.Cl. A23L 2/60 (2006.01) A23L 27/00 (2016.01) A23L 27/30 (2016.01)**
[25] EN
[54] **METHOD OF MASKING OFF-TASTES WITH CELLOBIOSE AND/OR PSICOSE**
[54] **PROCEDE DE MASQUAGE DES MAUVAIS GOUTS A L'AIDE DE CELLOBIOSE ET/OU DE PSICOSE**
[72] UNGUREANU, IOANA MARIA, US
[72] VAN OMMEREN, ESTHER, NL
[71] GIVAUDAN SA, CH
[85] 2018-04-19
[86] 2016-10-20 (PCT/EP2016/075209)
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[30] US (62/244,819) 2015-10-22

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[51] **Int.Cl. C05C 1/00 (2006.01) C05C 3/00 (2006.01) C05D 9/00 (2006.01) C05F 5/00 (2006.01) C05F 7/00 (2006.01) C05F 9/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **A GRANULAR FERTILIZER OR SOIL CONDITIONER AND ITS USE**
[54] **ENGRAIS OU CONDITIONNEUR DE SOL GRANULAIRE ET SON UTILISATION**
[72] JARVINEN, JARI, FI
[72] VIRTANEN, PASI J., FI
[72] MUSTONEN, KATI, FI
[71] BIOA OY, FI
[85] 2018-04-19
[86] 2016-10-20 (PCT/EP2016/075224)
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **INDUCTIVE HEATING DEVICE FOR HEATING AN AEROSOL-FORMING SUBSTRATE COMPRISING A SUSCEPTOR**
[54] **DISPOSITIF DE CHAUFFAGE PAR INDUCTION POUR CHAUFFER UN SUBSTRAT DE FORMATION D'AEROSOL COMPRENANT UN SUSCEPTEUR**
[72] ROJO-CALDERON, NOELIA, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[86] 2016-10-21 (PCT/EP2016/075314)
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[25] EN
[54] **SEALANT FOR TIRE REPAIRING**
[54] **ANTIFUITE POUR LA REPARATION DE PNEUS**
[72] LAM, KOON FUNG, CN
[72] NG, TSZ NOK, CN
[72] CHING, WAI KWONG, CN
[72] HO, PING SHU, CN
[71] TOP ALLIANCE TECHNOLOGY LTD., VG
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[51] **Int.Cl. C07K 14/705 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **SINGLE-CHAIN LIGHT RECEPTOR AGONIST PROTEINS**
[54] **PROTEINES AGONISTES DU RECEPTEUR LIGHT A CHAINE UNIQUE**
[72] GIEFFERS, CHRISTIAN, DE
[72] HILL, OLIVER, DE
[72] THIEMANN, MEINOLF, DE
[72] SCHNYDER, TIM, DE
[71] APOGENIX AG, DE
[85] 2018-04-19
[86] 2016-10-24 (PCT/EP2016/075536)
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[51] **Int.Cl. C12N 15/62 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **SINGLE-CHAIN CD137-RECEPTOR AGONIST PROTEINS**
[54] **PROTEINES AGONISTES DU RECEPTEUR CD137 A CHAINE UNIQUE**
[72] GIEFFERS, CHRISTIAN, DE
[72] HILL, OLIVER, DE
[72] THIEMANN, MEINOLF, DE
[72] SCHNYDER, TIM, DE
[71] APOGENIX AG, DE
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[86] 2016-10-24 (PCT/EP2016/075543)
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[51] **Int.Cl. H01H 33/662 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL CAPACITIVE-TYPE SLEEVE WITH VACUUM ARC-EXTINGUISHING CHAMBER**
[54] **MANCHON MULTIFONCTIONNEL DE TYPE A CAPACITE POURVU D'UNE CHAMBRE D'EXTINCTION D'ARC SOUS VIDE**
[72] WANG, HUAN, CN
[71] BEIJING RUIHENG XINYUAN INVESTMENT CO., LTD, CN
[85] 2018-04-19
[86] 2016-10-21 (PCT/CN2016/102795)
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[30] CN (201510696089.4) 2015-10-23

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[25] EN
[54] **MECHANICALLY STRONG CATALYST AND CATALYST CARRIER, ITS PREPARATION, AND ITS USE**
[54] **CATALYSEUR ET SUPPORT DE CATALYSEUR MECANIQUEMENT PUISSANTS, PREPARATION ET UTILISATION ASSOCIEES**
[72] COLIJN, HENDRIK ALBERTUS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-04-19
[86] 2016-10-25 (PCT/EP2016/075591)
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[30] EP (15191399.3) 2015-10-26

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[51] **Int.Cl. G02B 27/22 (2018.01) G06T 19/00 (2011.01) G02B 27/00 (2006.01) G02B 27/30 (2006.01)**
[25] EN
[54] **MULTIPLE-EYE, SINGLE-DISPLAY, ULTRAWIDE-FIELD-OF-VIEW OPTICAL SEE-THROUGH AUGMENTED REALITY SYSTEM**
[54] **SYSTEME DE REALITE AUGMENTEE TRANSPARENT OPTIQUE A CHAMP DE VISION ULTRA-LARGE, A AFFICHEUR UNIQUE, A YEUX MULTIPLES**
[72] HARRISON, GREGORY A., US
[72] GOERGEN, PATRICK J., US
[72] CROWE, RANDEL A., US
[72] SMITH, DAVID A., US
[72] BOGGS, RICK, US
[72] SAELZER, CYNTHIA M., US
[72] DEMBINSKI, MICHAEL A., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2018-04-18
[86] 2016-10-19 (PCT/US2016/057731)
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[51] **Int.Cl. B01J 8/02 (2006.01) B01J 8/24 (2006.01) C02F 1/58 (2006.01) C02F 1/72 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING SELENOCYANATE IN WASTEWATER**
[54] **PROCEDES DE TRAITEMENT DU SELENOCYANATE DANS DES EAUX USEES**
[72] HUANG, YONGHENG, US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
[85] 2018-04-18
[86] 2016-10-20 (PCT/US2016/057911)
[87] (WO2017/070345)
[30] US (62/244,693) 2015-10-21

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[51] **Int.Cl. C02F 1/28 (2006.01) C02F 1/52 (2006.01) C02F 1/58 (2006.01) C02F 1/66 (2006.01) C02F 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVAL OF RECALCITRANT SELENIUM SPECIES FROM WASTEWATER**
[54] **PROCEDE D'ELIMINATION D'ESPECES RECALCITRANTES DE SELENIUM PRESENTES DANS LES EAUX USEES**
[72] HUANG, YONGHENG, US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
[85] 2018-04-18
[86] 2016-10-20 (PCT/US2016/057916)
[87] (WO2017/070347)
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[51] **Int.Cl. G08G 1/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE DETECTION OF PEDESTRIANS AND SMALL VEHICLES AT ROADWAY INTERSECTIONS**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE PIETONS ET DE PETITS VEHICULES AUX INTERSECTIONS ROUTIERES**
[72] CROSS, BRAD, US
[72] FRYAR, TERRY, US
[72] FREED, NICHOLAS, US
[71] STC, INC., US
[85] 2018-04-18
[86] 2016-10-20 (PCT/US2016/057954)
[87] (WO2017/070373)
[30] US (62/244,090) 2015-10-20

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[13] A1
[51] **Int.Cl. C09K 5/10 (2006.01) C09K 5/20 (2006.01) C23F 11/08 (2006.01)**
[25] EN
[54] **SILICATE-CONTAINING COOLANT CONCENTRATE**
[54] **CONCENTRE DE LIQUIDE DE REFROIDISSEMENT CONTENANT DU SILICATE**
[72] BERGER, STEFAN, DE
[71] ROWE HOLDING GMBH, DE
[85] 2018-04-19
[86] 2016-11-10 (PCT/DE2016/000395)
[87] (WO2017/080542)
[30] DE (10 2015 014 480.4) 2015-11-11

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[51] **Int.Cl. H03B 17/00 (2006.01) G02F 1/11 (2006.01) G02F 1/125 (2006.01) G02F 1/225 (2006.01) H01S 3/00 (2006.01) H03B 23/00 (2006.01)**
[25] EN
[54] **DEVICE FOR PHOTONIC GENERATION OF ARBITRARY MICROWAVE SIGNALS HAVING LINEAR FREQUENCY MODULATION**
[54] **DISPOSITIF DE GENERATION PHOTONIQUE DE SIGNAUX MICRO-ONDES A MODULATION LINEAIRE DE FREQUENCE ARBITRAIRES**
[72] GUILLET DE CHATELLUS, HUGUES, FR
[72] AZANA, JOSE, CA
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE GRENOBLE ALPES, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[85] 2018-04-19
[86] 2016-10-20 (PCT/EP2016/075249)
[87] (WO2017/072025)
[30] FR (1560294) 2015-10-28

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[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO ELECTRICAL POWER SYSTEMS**
[54] **PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A DES SYSTEMES D'ALIMENTATION ELECTRIQUE**
[72] SRI GOPALA KRISHNA MURTHI, SANKARA SUBRAMANIAN, GB
[72] HA, HENGXU, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-04-19
[86] 2016-10-20 (PCT/EP2016/075272)
[87] (WO2017/068067)
[30] EP (15275221.8) 2015-10-22

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING ARTICLE, AEROSOL-GENERATING SYSTEM AND METHOD FOR MANUFACTURING AN AEROSOL-GENERATING ARTICLE**
[54] **ARTICLE DE GENERATION D'AEROSOL, SYSTEME DE GENERATION D'AEROSOL ET PROCEDE PERMETTANT DE FABRIQUER UN ARTICLE DE GENERATION D'AEROSOL**
[72] ROJO-CALDERON, NOELIA, CH
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[86] 2016-10-21 (PCT/EP2016/075310)
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[51] **Int.Cl. C07K 14/705 (2006.01)**
[25] EN
[54] **SINGLE-CHAIN OX40-RECEPTOR AGONIST PROTEINS**
[54] **PROTEINES AGONISTES DU RECEPTEUR OX40 A CHAINE UNIQUE**
[72] GIEFFERS, CHRISTIAN, DE
[72] HILL, OLIVER, DE
[72] THIEMANN, MEINOLF, DE
[72] SCHNYDER, TIM, DE
[71] APOGENIX AG, DE
[85] 2018-04-19
[86] 2016-10-24 (PCT/EP2016/075540)
[87] (WO2017/068181)
[30] US (62/245,678) 2015-10-23

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL DELIVERY SYSTEM AND METHOD OF OPERATING THE AEROSOL DELIVERY SYSTEM**
[54] **SYSTEME DE PRODUCTION D'AEROSOL ET PROCEDE D'UTILISATION DU SYSTEME DE PRODUCTION D'AEROSOL**
[72] MIRONOV, OLEG, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[72] FURSA, OLEG, CH
[71] PHILLIP MORRIS PRODUCTS S.A., CH
[85] 2018-04-19
[86] 2016-10-21 (PCT/EP2016/075316)
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[51] **Int.Cl. A61K 38/17 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **SINGLE-CHAIN CD27-RECEPTOR AGONIST PROTEINS**
[54] **PROTEINES AGONISTES DU RECEPTEUR CD27 A CHAINE UNIQUE**
[72] GIEFFERS, CHRISTIAN, DE
[72] HILL, OLIVER, DE
[72] THIEMANN, MEINOLF, DE
[72] SCHNYDER, TIM, DE
[71] APOGENIX AG, DE
[85] 2018-04-19
[86] 2016-10-24 (PCT/EP2016/075579)
[87] (WO2017/068192)
[30] US (62/245,689) 2015-10-23

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[51] **Int.Cl. A61K 35/74 (2015.01) A61K 35/741 (2015.01) A61P 1/00 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **FAECALIBACTERIUM PRAUSNITZII AND DESULFOVIBRIO PIGER FOR USE IN THE TREATMENT OR PREVENTION OF DIABETES AND BOWEL DISEASES**
[54] **FAECALIBACTERIUM PRAUSNITZII ET DESULFOVIBRIO PIGER POUR UTILISATION DANS LE TRAITEMENT OU LA PREVENTION DU DIABETE ET DE MALADIES INTESTINALES**
[72] KHAN, MUHAMMAD-TANWEER, SE
[72] BACKHED, FREDRIK, SE
[71] METABOGEN AB, SE
[85] 2018-04-19
[86] 2016-10-28 (PCT/EP2016/076038)
[87] (WO2017/072278)
[30] GB (1519088.7) 2015-10-28

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[51] **Int.Cl. B02C 23/06 (2006.01)**
[25] EN
[54] **GRINDING ADDITIVE FOR CARBONACEOUS SOLID**
[54] **ADDITIF DE BROYAGE POUR SOLIDE CARBONE**
[72] CAMPLONE, ATTILIO, IT
[72] MAGAROTTO, ROBERTA, IT
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2018-04-19
[86] 2016-10-26 (PCT/EP2016/075713)
[87] (WO2017/072133)
[30] EP (15191686.3) 2015-10-27

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR DETECTING DOMAIN GENERATION ALGORITHM (DGA) MALWARE**
[54] **SYSTEME ET PROCEDES DE DETECTION D'UN MALICIEL D'ALGORITHME DE GENERATION DE DOMAINE (DGA)**
[72] MINEA, OCTAVIAN MIHAI, RO
[72] VATAMANU, CRISTINA, RO
[72] BENCHEA, MIHAI-RAZVAN, RO
[72] GAVRILUT, DRAGOS-TEODOR, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
[85] 2018-04-19
[86] 2016-11-02 (PCT/EP2016/076343)
[87] (WO2017/076859)
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[51] **Int.Cl. C12N 1/36 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **METHOD FOR ADAPTATION**
[54] **PROCEDE D'ADAPTATION**
[72] KHAN, MUHAMMAD-TANWEER, SE
[72] BACKHED, FREDRIK, SE
[71] METABOGEN AB, SE
[85] 2018-04-19
[86] 2016-10-28 (PCT/EP2016/076064)
[87] (WO2017/072296)
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[51] **Int.Cl. A47L 13/16 (2006.01) A47L 17/00 (2006.01)**
[25] EN
[54] **CLEANING ARTICLE HAVING AN ABSORBENT BASE MATERIAL**
[54] **ARTICLE NETTOYANT POURVU D'UN MATERIAU DE BASE ABSORBANT**
[72] MANGOLD, RAINER, DE
[72] ROEMPP, ANGELA, DE
[72] ARKHIPOVA, MARIA, DE
[71] CMC CONSUMER MEDICAL CARE GMBH, DE
[85] 2018-04-19
[86] 2016-11-11 (PCT/EP2016/077484)
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMIDAZO[4,5-C]QUINOLIN-2-ONE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES IMIDAZO[4,5-C]QUINOLEINE-2-ONE ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] PIKE, KURT GORDON, GB
[72] BARLAAM, BERNARD CHRISTOPHE, GB
[72] HUNT, THOMAS ANTHONY, GB
[72] EATHERTON, ANDREW JOHN, GB
[71] ASTRAZENECA AB, SE
[85] 2018-04-19
[86] 2016-11-02 (PCT/EP2016/076412)
[87] (WO2017/076895)
[30] GB (1519406.1) 2015-11-03

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[51] **Int.Cl. C12P 5/02 (2006.01) C12N 9/00 (2006.01) C12N 9/10 (2006.01) C12N 9/12 (2006.01) C12N 9/16 (2006.01) C12N 9/88 (2006.01) C12N 15/52 (2006.01) C12P 7/40 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING ISOBUTENE FROM 3-METHYLCROTONIC ACID**
[54] **METHODES DE PRODUCTION D'ISOBUTENE A PARTIR D'ACIDE 3-TIGLIQUE**
[72] ALLARD, MATHIEU, FR
[72] ANISSIMOVA, MARIA, FR
[72] MARLIERE, PHILIPPE, BE
[71] GLOBAL BIOENERGIES, FR
[71] SCIENTIST OF FORTUNE S.A., LU
[85] 2018-04-19
[86] 2016-11-17 (PCT/EP2016/077956)
[87] (WO2017/085167)
[30] EP (15194984.9) 2015-11-17

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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/506 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 15/00 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01) C07D 403/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **N-SUBSTITUTED INDOLE DERIVATIVES AS PGE2 RECEPTOR MODULATORS**
[54] **UTILISATION DE DERIVES D'INDOLE N-SUBSTITUES COMME MODULATEURS DES RECEPTEURS DES PGE2**
[72] FRETZ, HEINZ, CH
[72] LYOTHIER, ISABELLE, CH
[72] POTHIER, JULIEN, CH
[72] RICHARD-BILDSTEIN, SYLVIA, CH
[72] SIFFERLEN, THIERRY, CH
[72] WYDER PETERS, LORENZA, CH
[72] POZZI, DAVIDE, CH
[72] CORMINBOEUF, OLIVIER, CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2018-04-19
[86] 2016-11-17 (PCT/EP2016/078028)
[87] (WO2017/085198)
[30] EP (PCT/EP2015/077269) 2015-11-20

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[51] **Int.Cl. B66B 19/00 (2006.01) B66B 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING INFORMATION RELATING TO ELEVATOR COMPONENTS RECEIVED IN AN ELEVATOR SHAFT**
[54] **METHODE DE DETERMINATION DE L'INFORMATION RELATIVE A DES COMPOSANTES D'ASCENSEUR RECUES DANS UNE CAGE D'ASCENSEUR**
[72] STUDER, CHRISTIAN, CH
[72] ZIMMERLI, PHILIPP, CH
[71] INVENTIO AG, CH
[85] 2018-04-19
[86] 2016-11-18 (PCT/EP2016/078094)
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[51] **Int.Cl. B64G 1/22 (2006.01)**
[25] FR
[54] **DEVICE FOR LOCKING TWO PARTS RELATIVE TO EACH OTHER**
[54] **DISPOSITIF DE VERROUILLAGE DE DEUX PIECES L'UNE PAR RAPPORT A L'AUTRE**
[72] GROSROYAT, SYLVAIN, FR
[71] ARIANEGROUP SAS, FR
[85] 2018-04-19
[86] 2016-10-05 (PCT/FR2016/000156)
[87] (WO2017/068246)
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[51] **Int.Cl. A23P 30/40 (2016.01) A21D 2/18 (2006.01) A21D 8/02 (2006.01)**
[25] FR
[54] **FOOD DOUGH AND METHOD FOR PRODUCING SUCH A DOUGH**
[54] **PATE ALIMENTAIRE ET PROCEDE DE FABRICATION D'UNE TELLE PATE**
[72] DESJARDINS-LAVISSE, ISABELLE, FR
[72] GILLET, GUILLAUME, FR
[72] GRESSIN, LAURIANNE, FR
[71] GENIALIS, FR
[85] 2018-04-19
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[87] (WO2017/068271)
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[25] EN
[54] **VINYL CHLORIDE POLYMERS AND COMPOSITIONS FOR ADDITIVE MANUFACTURING**
[54] **POLYMERES DE CHLORURE DE VINYLE ET COMPOSITIONS POUR LA FABRICATION ADDITIVE**
[72] HARRISON, GREG, AU
[72] PLANNER, DENNIS, AU
[72] KLAMANN, JOERG-DIETER, AU
[72] DENNIS, HUGH, AU
[72] DENNIS, STEPHEN, AU
[71] CHEMSON POLYMER-ADDITIVE AG, AT
[85] 2018-04-19
[86] 2016-10-21 (PCT/IB2016/001580)
[87] (WO2017/068415)
[30] AU (2015904359) 2015-10-23

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[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **SATELLITE SYSTEM HAVING INCREASED COMMUNICATIONS CAPACITY AND METHODS FOR INCREASING THE CAPACITY OF SATELLITE SYSTEMS**
[54] **SYSTEME A SATELLITES DOTE D'UNE CAPACITE DE COMMUNICATIONS ACCRUE, ET PROCEDES PERMETTANT D'AUGMENTER LA CAPACITE DE SYSTEMES A SATELLITES**
[72] WYLER, GREGORY THANE, US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2018-04-19
[86] 2016-10-28 (PCT/IB2016/002017)
[87] (WO2017/098334)
[30] US (62/247,611) 2015-10-28

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[51] **Int.Cl. A61M 1/00 (2006.01) A61M 39/08 (2006.01)**
[25] EN
[54] **WOUND DRESSING**
[54] **PANSEMENT POUR PLAIES**
[72] COTTON, STEPHEN, GB
[71] CONVATEC LIMITED, GB
[85] 2018-04-19
[86] 2016-10-21 (PCT/GB2016/053295)
[87] (WO2017/068364)
[30] GB (1518669.5) 2015-10-21

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[51] **Int.Cl. A61B 3/00 (2006.01) A61B 90/30 (2016.01) G02B 6/24 (2006.01)**
[25] EN
[54] **OPHTHALMIC ILLUMINATION SYSTEMS, DEVICES, AND METHODS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'ECLAIRAGE OPHTALMIQUE**
[72] SMITH, RONALD T., US
[72] MIRSEPASSI, ALIREZA, US
[71] NOVARTIS AG, CH
[85] 2018-04-19
[86] 2016-08-25 (PCT/IB2016/055085)
[87] (WO2017/103692)
[30] US (62/268,359) 2015-12-16
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[51] **Int.Cl. A62B 35/00 (2006.01) A62B 35/04 (2006.01)**
[25] EN
[54] **PORTABLE FALL PROTECTION DEVICE**
[54] **DISPOSITIF PORTATIF DE PROTECTION CONTRE LES CHUTES**
[72] AUSTON, OLIVER, GB
[72] NEWING, WILLIAM MICHAEL GORDON, GB
[71] CHECKMATE LIFTING & SAFETY LTD, GB
[85] 2018-04-19
[86] 2016-10-21 (PCT/GB2016/053298)
[87] (WO2017/068365)
[30] GB (1518793.3) 2015-10-23

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[51] **Int.Cl. A62B 1/10 (2006.01) B66D 3/10 (2006.01) A62B 35/04 (2006.01)**
[25] EN
[54] **DESCENDER**
[54] **DESCENDEUR**
[72] AUSTON, OLIVER, GB
[72] STOCKBRIDGE, CHRISTOPHER JOSEPH, GB
[71] CHECKMATE LIFTING & SAFETY LTD, GB
[85] 2018-04-19
[86] 2016-10-21 (PCT/GB2016/053299)
[87] (WO2017/068366)
[30] GB (1518791.7) 2015-10-23

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[51] **Int.Cl. E04G 21/32 (2006.01) B29C 70/00 (2006.01) E04C 2/42 (2006.01)**
[25] EN
[54] **INSULATED TRELLIS MAT**
[54] **NATTE EN TREILLIS ISOLE**
[72] BLACK, JOHN ALEXANDER, GB
[72] BLACK, ROBERT DAVID, GB
[71] BLACK, JOHN ALEXANDER, GB
[71] BLACK, ROBERT DAVID, GB
[85] 2018-04-19
[86] 2016-11-04 (PCT/GB2016/053439)
[87] (WO2017/077323)
[30] GB (1519470.7) 2015-11-04

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[25] EN
[54] **CGRP RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DU RECEPTEUR CGRP**
[72] CHRISTOPHER, JOHN ANDREW, GB
[72] CONGREVE, MILES STUART, GB
[72] BUCKNELL, SARAH JOANNE, GB
[72] DEFLORIAN, FRANCESCA, GB
[72] PICKWORTH, MARK, GB
[72] MASON, JONATHAN STEPHEN, GB
[71] HEPTARES THERAPEUTICS LIMITED, GB
[85] 2018-04-19
[86] 2016-10-28 (PCT/IB2016/056517)
[87] (WO2017/072721)
[30] GB (1519196.8) 2015-10-30

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) A61P 19/00 (2006.01) A61P 37/06 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **METHODS OF TREATING NON-RADIOGRAPHIC AXIAL SPONDYLOARTHRITIS USING INTERLEUKIN-17 (IL-17) ANTAGONISTS**
[54] **PROCEDES DE TRAITEMENT D'UNE SPONDYLARTHRITE AXIALE NON RADIOGRAPHIQUE UTILISANT DES ANTAGONISTES D'INTERLEUKINE -17 (IL -17)**
[72] MANN, CHRISTIAN, DE
[72] PORTER, BRIAN, US
[72] RICHARDS, HANNO, CH
[71] NOVARTIS AG, CH
[85] 2018-04-19
[86] 2016-10-14 (PCT/IB2016/056166)
[87] (WO2017/068472)
[30] US (62/243,381) 2015-10-19

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[25] EN
[54] **CGRP RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DU RECEPTEUR CGRP**
[72] CHRISTOPHER, JOHN ANDREW, GB
[72] CONGREVE, MILES STUART, GB
[72] BUCKNELL, SARAH JOANNE, GB
[72] DEFLORIAN, FRANCESCA, GB
[72] PICKWORTH, MARK, GB
[72] MASON, JONATHAN STEPHEN, GB
[71] HEPTARES THERAPEUTICS LIMITED, GB
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[86] 2016-10-28 (PCT/IB2016/056518)
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[13] A1
[51] **Int.Cl. A61K 36/81 (2006.01)**
[25] EN
[54] **A PROCESS TO ENHANCE THE BIOACTIVITY OF ASHWAGANDHA EXTRACTS**
[54] **PROCEDE POUR AUGMENTER LA BIOACTIVITE D'EXTRAITS D'ASHWAGANDA**
[72] ANTONY, BENNY, IN
[71] ANTONY, BENNY, IN
[85] 2018-04-19
[86] 2016-10-18 (PCT/IN2016/050354)
[87] (WO2017/068600)
[30] IN (5691/CHE/2015) 2015-10-22

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[25] EN
[54] **CGRP RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DU RECEPTEUR CGRP**
[72] CHRISTOPHER, JOHN ANDREW, GB
[72] CONGREVE, MILES STUART, GB
[72] BUCKNELL, SARAH JOANNE, GB
[72] DEFLORIAN, FRANCESCA, GB
[72] PICKWORTH, MARK, GB
[72] MASON, JONATHAN STEPHEN, GB
[71] HEPTARES THERAPEUTICS LIMITED, GB
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[86] 2016-10-28 (PCT/IB2016/056519)
[87] (WO2017/072723)
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[25] EN
[54] **PACKAGE FOR FOOD PRODUCTS**
[54] **EMBALLAGE POUR PRODUITS ALIMENTAIRES**
[72] BORIO, PIERANGELO, IT
[71] SOREMARTEC S.A., LU
[85] 2018-04-19
[86] 2016-11-03 (PCT/IB2016/056624)
[87] (WO2017/081585)
[30] IT (102015000071326) 2015-11-11

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[51] **Int.Cl. H01J 49/16 (2006.01) H01J 49/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR MINIMIZING ELECTRICAL DISCHARGE DURING ESI OPERATION**
[54] **SYSTEME PERMETTANT DE REDUIRE AU MINIMUM UNE DECHARGE ELECTRIQUE PENDANT UNE OPERATION D'IONISATION ESI**
[72] CORR, JOHN J., CA
[72] COVEY, THOMAS R., CA
[72] KOVARIK, PETER, CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2018-04-19
[86] 2016-12-08 (PCT/IB2016/057430)
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[51] **Int.Cl. G08G 1/16 (2006.01) B60R 21/00 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **DISPLAY CONTROL METHOD AND DISPLAY CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE D'AFFICHAGE ET DISPOSITIF DE COMMANDE D'AFFICHAGE**
[72] TAKAE, YASUHIKO, JP
[72] SUNDA, TAKASHI, JP
[72] SHINO, TATSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-19
[86] 2015-10-22 (PCT/JP2015/079877)
[87] (WO2017/068692)

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[51] **Int.Cl. B60Q 1/26 (2006.01)**
[25] EN
[54] **VEHICULAR NOTIFICATION DEVICE**
[54] **DISPOSITIF DE NOTIFICATION POUR VEHICULE**
[72] TAKAE, YASUHIKO, JP
[72] ETORI, NARIAKI, JP
[72] MORIMOTO, AKIRA, JP
[72] YANO, TAKAHIRO, JP
[72] SHINO, TATSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-19
[86] 2015-10-22 (PCT/JP2015/079887)
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[51] **Int.Cl. G08G 1/14 (2006.01) B60R 21/00 (2006.01) B60W 30/06 (2006.01)**
[25] EN
[54] **PARKING SUPPORT METHOD AND PARKING SUPPORT DEVICE**
[54] **PROCEDE D'AIDE AU STATIONNEMENT ET DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] HAYAKAWA, YASUHISA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-19
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[25] EN
[54] **PARKING SUPPORT METHOD AND PARKING SUPPORT DEVICE**
[54] **PROCEDE ET DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] HAYAKAWA, YASUHISA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-19
[86] 2015-10-22 (PCT/JP2015/079889)
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[25] EN
[54] **PYRIMIDINE DERIVATIVE**
[54] **DERIVE PYRIMIDINE**
[72] OKADA, MAKOTO, JP
[72] NAKANO, YOUICHI, JP
[72] NOSE, TAKASHI, JP
[72] NISHIMOTO, TAKAHIRO, JP
[72] MAEDA, SATOSHI, JP
[71] ASKA PHARMACEUTICAL CO., LTD., JP
[85] 2018-04-19
[86] 2016-10-28 (PCT/JP2016/081993)
[87] (WO2017/073709)
[30] JP (2015-212920) 2015-10-29
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[51] **Int.Cl. A61B 17/04 (2006.01) A61F 13/00 (2006.01) A61K 31/549 (2006.01) A61M 1/00 (2006.01) A61M 15/00 (2006.01) A61M 16/04 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL WOUND CLOSURE MATERIALS, INCLUDING ANTIMICROBIAL SUTURES, AND METHOD FOR CLOSING A WOUND USING THE SAME**
[54] **MATERIAUX ANTIMICROBIENS POUR FERMETURE DE PLAIES, NOTAMMENT SUTURES ANTIMICROBIENNES ET PROCEDE DE FERMETURE DE PLAIE L'UTILISANT**
[72] DILUCCIO, ROBERT, US
[72] LORENC, Z. PAUL, US
[72] MILBY, RANDY, US
[71] CORMEDIX INC., US
[85] 2018-04-10
[86] 2016-08-18 (PCT/US2016/047551)
[87] (WO2017/031317)
[30] US (62/206,368) 2015-08-18
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[51] **Int.Cl. G08G 1/14 (2006.01) B60R 21/00 (2006.01)**
[25] EN
[54] **PARKING SUPPORT INFORMATION DISPLAY METHOD AND PARKING SUPPORT DEVICE**
[54] **PROCEDE D'AFFICHAGE D'INFORMATIONS D'AIDE AU STATIONNEMENT ET DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] HAYAKAWA, YASUHISA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-19
[86] 2015-10-22 (PCT/JP2015/079891)
[87] (WO2017/068697)

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[51] **Int.Cl. C07K 7/06 (2006.01) A61K 33/24 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 7/08 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **PEPTIDES AND PEPTIDOMIMETICS IN COMBINATION WITH T CELL ACTIVATING AND/OR CHECKPOINT INHIBITING AGENTS FOR CANCER TREATMENT**
[54] **PEPTIDES ET PEPTIDOMIMETIQUES EN COMBINAISON AVEC DES AGENTS ACTIVATEURS DE CELLULES T ET/OU INHIBITEURS DE POINTS DE CONTROLE POUR LE TRAITEMENT DU CANCER**
[72] KAWABE, TAKUMI, JP
[71] CANBAS CO., LTD., JP
[85] 2018-04-19
[86] 2016-10-24 (PCT/JP2016/082500)
[87] (WO2017/069291)
[30] US (62/245,899) 2015-10-23
[30] US (62/345,416) 2016-06-03
[30] US (15/331,478) 2016-10-21

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[51] **Int.Cl. G08G 1/14 (2006.01)**
[25] EN
[54] **PARKING SUPPORT INFORMATION DISPLAY METHOD AND PARKING SUPPORT DEVICE**
[54] **PROCEDE D'AFFICHAGE D'INFORMATIONS D'AIDE AU STATIONNEMENT ET DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] HAYAKAWA, YASUHISA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-19
[86] 2015-10-22 (PCT/JP2015/079890)
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[51] **Int.Cl. A01K 1/01 (2006.01)**
[25] EN
[54] **MANURE-REMOVAL VEHICLE FOR REMOVING MANURE FROM AN ANIMAL-SHED FLOOR**
[54] **VEHICULE D'ENLEVEMENT DE FUMIER POUR ENLEVER DU FUMIER DU PLANCHER DE L'ETABLE D'UN ANIMAL**
[72] VAN DEN BEUKEL, HUIBRECHT JOHANNES ARJEN, NL
[71] LELY PATENT N.V., NL
[85] 2018-04-19
[86] 2016-09-19 (PCT/NL2016/050644)
[87] (WO2017/069615)
[30] NL (2015650) 2015-10-23

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[25] EN
[54] **PARKING SUPPORT METHOD AND PARKING SUPPORT DEVICE**
[54] **DISPOSITIF D'AIDE AU STATIONNEMENT ET PROCEDE D'AIDE AU STATIONNEMENT**
[72] HAYAKAWA, YASUHISA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-19
[86] 2015-10-22 (PCT/JP2015/079892)
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[13] A1
[51] **Int.Cl. G06T 7/60 (2017.01) B60R 21/00 (2006.01)**
[25] EN
[54] **PARKING SPACE LINE DETECTION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE LIGNE DE PLACE DE STATIONNEMENT**
[72] HAYAKAWA, YASUHISA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-19
[86] 2015-10-22 (PCT/JP2015/079893)
[87] (WO2017/068699)

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[51] **Int.Cl. F16K 3/24 (2006.01) F16K 1/12 (2006.01) F16K 1/38 (2006.01) F16K 31/62 (2006.01)**
[25] EN
[54] **ULTRAHIGH PRESSURE COMPACT VALVE WITH THROTTLING CAPABILITY**
[54] **SOUPAPE COMPACTE A ULTRA-HAUTE PRESSION PRESENTANT UNE CAPACITE D'ETRANGLEMENT**
[72] TING, EDMUND Y., US
[72] LAZAREV, ALEXANDER, US
[72] MA, JUN, US
[71] PRESSURE BIOSCIENCES, INC., US
[85] 2018-04-10
[86] 2016-09-08 (PCT/US2016/050717)
[87] (WO2017/044590)
[30] US (62/217,634) 2015-09-11

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[13] A1
[51] **Int.Cl. B60R 21/00 (2006.01)**
[25] EN
[54] **PARKING SPACE DETECTION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE PLACES DE STATIONNEMENT**
[72] HAYAKAWA, YASUHISA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-19
[86] 2015-10-22 (PCT/JP2015/079895)
[87] (WO2017/068701)

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[51] **Int.Cl. H04N 21/2383 (2011.01) H04H 20/95 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **TRANSMITTING APPARATUS, RECEIVING APPARATUS, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] TAKAHASHI, KAZUYUKI, JP
[71] SONY CORPORATION, JP
[85] 2018-04-19
[86] 2016-10-13 (PCT/JP2016/080300)
[87] (WO2017/073336)
[30] JP (2015-210476) 2015-10-27

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[51] **Int.Cl. G06Q 30/02 (2012.01) G01C 22/00 (2006.01)**
[25] EN
[54] **A METHOD, APPARATUS AND SERVER FOR GAMIFICATION OF ACTIVITY TRACKING TO DETERMINE A REWARD**
[54] **PROCEDE, APPAREIL ET SERVEUR POUR LA GAMIFICATION DE SUIVI D'ACTIVITE AFIN DE DETERMINER UNE RECOMPENSE**
[72] PUEHSE, TOBIAS, SG
[72] TAN, SIN JIAN, SG
[72] CHIN, YONG WEI, SG
[72] ZHANG, JIE, SG
[72] TAN, DOUGLAS TECK YONG, SG
[72] ALI, NOOR ALI NIZAR, SG
[72] AGGARWAL, NAMAN, SG
[71] MASTERCARD ASIA/PACIFIC PTE. LTD., SG
[85] 2018-04-19
[86] 2016-10-21 (PCT/SG2016/050514)
[87] (WO2017/069707)
[30] SG (10201508784W) 2015-10-23

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[51] **Int.Cl. G08B 13/16 (2006.01) G10L 25/00 (2013.01) G08B 13/08 (2006.01) G10L 15/00 (2013.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR CORRELATING SOUND EVENTS TO SECURITY AND/OR AUTO MATION SYSTEM OPERATIONS**
[54] **SYSTEMES ET PROCEDES POUR CORRELER DES EVENEMENTS SONORES A DES OPERATIONS D'UN SYSTEME DE SECURITE ET/OU D'AUTOMATISATION**
[72] FLINT, JASON C., US
[72] MATSUURA, CRAIG, US
[72] CHILD, MICHAEL D., US
[72] VEGA, JONPAUL, US
[72] LYMAN, JEFFERSON, US
[72] EYRING, MATTHEW J., US
[72] WARREN, JEREMY B., US
[72] NYE, JAMES ELLIS, US
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[54] **EDITION DE GENES ALLELE SELECTIVE ET UTILISATIONS ASSOCIEES**
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[72] WILKIE-GRANTHAM, RACHEL, US
[72] TACHIKAWA, KIYOSHI, US
[71] ARCTURUS THERAPEUTICS, INC., US
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[86] 2016-09-21 (PCT/US2016/052889)
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[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR SWING ADSORPTION PROCESSES RELATED THERETO HAVING A PLURALITY OF VALVES**
[54] **APPAREIL ET SYSTEME POUR PROCEDES D'ADSORPTION MODULEE CORRESPONDANTS COMPRENANT PLUSIEURS SOUPAPES**
[72] FOWLER, TRACY A., US
[72] RAMKUMAR, SHWETHA, US
[72] FREDERICK, JEFFREY W., US
[72] NAGAVARAPU, ANANDA K., US
[72] CHIALVO, SEBASTIAN, US
[72] TAMMERA, ROBERT F., US
[72] FULTON, JOHN W., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **CAMERA DE SONNETTE ANTIVOL**
[72] CHILD, MICHAEL D., US
[72] VEGA, JONPAUL, US
[72] MATSUURA, CRAIG, US
[72] BREDERSON, DEAN, US
[71] VIVINT, INC., US
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[54] **SELF CONTAINED COAL PROCESSING UNIT**
[54] **UNITE DE TRAITEMENT DE CHARBON AUTONOME**
[72] TSCHANTZ, RONALD H., US
[71] IMPERIAL TECHNOLOGIES, INC., US
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[54] **SECURE COMPARISON OF INFORMATION**
[54] **COMPARAISON SECURISEE D'INFORMATIONS**
[72] NICHOLLS, ANTHONY, US
[71] OPENEYE SCIENTIFIC SOFTWARE, INC., US
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[25] EN
[54] **LIQUID LEVEL INDICATING**
[54] **INDICATION DE NIVEAU DE LIQUIDE**
[72] CUMBIE, MICHAEL W., US
[72] BROWNING, ROBERT N. K., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2018-04-19
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[54] **METHODS FOR TREATING NEURODEGENERATIVE DISEASES USING GENE THERAPY TO DELAY DISEASE ONSET AND PROGRESSION WHILE PROVIDING COGNITIVE PROTECTION**
[54] **PROCEDES DE TRAITEMENT DE MALADIES NEURODEGENERATIVES UTILISANT LA THERAPIE GENIQUE POUR RETARDER LE DECLENCHEMENT ET L'EVOLUTION DE LA MALADIE TOUT EN CONFERANT UNE PROTECTION COGNITIVE**
[72] DAVIDSON, BEVERLY L., US
[72] CHEN, YONG HONG, US
[72] TECEDOR, LUIS, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2018-04-19
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[25] EN
[54] **PROCESS AND SYSTEM FOR REMOVING SULFUR DIOXIDE FROM FLUE GAS**
[54] **PROCEDE ET SYSTEME POUR ELIMINER DU DIOXYDE DE SOUFRE A PARTIR DE GAZ DE CARNEAU**
[72] GAL, ELI, US
[71] MARSULEX ENVIRONMENTAL TECHNOLOGIES, CORP, US
[85] 2018-04-19
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[54] **CARREAU ET STRUCTURE DE SUPPORT**
[72] MCMANUS, MARK A., US
[72] MCMANUS, JASON, US
[71] MBRICO, LLC, US
[85] 2018-04-19
[86] 2016-10-24 (PCT/US2016/058511)
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[54] **TIME-DEPENDENT MACHINE-GENERATED HINTING**
[54] **SUGGESTION PRODUITE PAR MACHINE EN FONCTION DU TEMPS**
[72] LEPESKA, PETER, US
[72] TOTH, DEVIN, US
[71] VIASAT, INC., US
[85] 2018-04-19
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[25] EN
[54] **WIRELESS CONTROL DEVICE HAVING AN ANTENNA ILLUMINATED WITH VISIBLE LIGHT**
[54] **DISPOSITIF DE COMMANDE SANS FIL COMPRENANT UNE ANTENNE ECLAIREE PAR DE LA LUMIERE VISIBLE**
[72] COURTNEY, BRIAN MICHAEL, US
[72] MCDONALD, MATTHEW PHILLIP, US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-04-19
[86] 2016-10-28 (PCT/US2016/059445)
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[54] **PINCH CLAMP DEVICE**
[54] **DISPOSITIF DE PINCE DE SERRAGE**
[72] BURKHOLZ, JONATHAN KARL, US
[72] PETERSON, BART D., US
[72] WANG, BIN, US
[72] STOUT, MARTY L., US
[72] HU, OLIVIA, CN
[72] HARDING, WESTON F., US
[72] SONDEREGGER, RALPH L., US
[72] CHAI, KELVIN, CN
[72] WANG, LIONEL, CN
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **SWEEPING MACHINE WITH MULTI-COMPONENT MOLDBOARD**
[54] **BALAYEUSE AVEC VERSOIR MULTICOMPOSANT**
[72] PETTY, CHRIS, US
[72] MICHAELS, BRENT, US
[71] ROADTEC, INC., US
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[54] **MULTILAYER COMPOSITE FILMS FOR ARCHITECTURAL APPLICATIONS**
[54] **FILMS COMPOSITES MULTICOUCHES POUR APPLICATIONS ARCHITECTURALES**
[72] TEMCHENKO, MARINA, US
[72] AUGUSTYNIAK, MARTIN, US
[72] LIM, SAM, US
[72] COMEAU, CHARLES ROBERT, JR., US
[71] MADICO, INC., US
[71] SC INNOVATION, LLC, US
[85] 2018-04-19
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[54] **PROTEINES DE LIAISON TRISPECIFIQUES ET/OU TRIVALENTES POUR LA PREVENTION OU LE TRAITEMENT D'UNE INFECTION PAR LE VIH**
[72] YANG, ZHI-YONG, US
[72] NABEL, GARY J., US
[72] XU, LING, US
[72] WEI, RONNIE, US
[72] QIU, HUAWEI, US
[72] BENINGA, JOCHEN, DE
[72] KRUIP, JOCHEN, DE
[72] RAO, ERCOLE, DE
[72] LEUSCHNER, WULF DIRK, DE
[72] BEIL, CHRISTIAN, DE
[72] LANGE, CHRISTIAN, DE
[72] CONNORS, MARK, US
[72] MASCOLA, JOHN R., US
[72] KOUP, RICHARD A., US
[72] HUANG, JINGHE, US
[72] DORIA-ROSE, NICOLE A., US
[72] ZHOU, TONGQING, US
[72] KWONG, PETER D., US
[72] KWON, YOUNG DO, US
[72] PEGU, AMARENDRA, US
[72] ASOKAN, MANGAIARKARASI, US
[71] SANOFI, FR
[71] THE USA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SEVICES, US
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[30] US (62/246,113) 2015-10-25
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[54] **SYSTEMES INTRAVEINEUX ERGONOMIQUES**
[72] BURKHOLZ, JONATHAN KARL, US
[72] PETERSON, BART D., US
[72] LIU, HUIBIN, US
[72] BORNHOFT, STEPHEN T., US
[72] HARDING, WESTON F., US
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[72] SONDEREGGER, RALPH L., US
[72] WANG, BIN, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-04-19
[86] 2016-10-06 (PCT/US2016/055859)
[87] (WO2017/074682)
[30] US (62/247,596) 2015-10-28
[30] US (62/247,599) 2015-10-28
[30] US (62/247,617) 2015-10-28
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[30] US (62/247,624) 2015-10-28
[30] US (62/247,626) 2015-10-28
[30] US (62/296,383) 2016-02-17
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[25] EN
[54] **POLYPEPTIDES CAPABLE OF PRODUCING GLUCANS HAVING ALPHA-1,2 BRANCHES AND USE OF THE SAME**
[54] **POLYPEPTIDES CAPABLES DE PRODUIRE DES GLUCANES AYANT DES RAMIFICATIONS DE TYPE ALPHA-1,2 ET LEURS UTILISATIONS**
[72] CHENG, QIONG, US
[72] DICOSIMO, ROBERT, US
[72] PRASAD, JAHNAVI CHANDRA, US
[72] ZHANG, ZHENGHONG, CN
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[25] EN
[54] **MANAGING FUNCTIONS ON AN IOS MOBILE DEVICE USING ANCS NOTIFICATIONS**
[54] **GESTION DE FONCTIONS SUR UN DISPOSITIF MOBILE IOS A L'AIDE DE NOTIFICATIONS ANCS**
[72] BREAUX, JOSEPH E., US
[72] KENNEDY, CHAD A., US
[72] LYNN, MICHAEL W., US
[71] CELLCONTROL, INC., US
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[25] EN
[54] **LIQUID DETERGENT COMPOSITIONS COMPRISING PROTEASE AND ENCAPSULATED LIPASE**
[54] **COMPOSITIONS DE DETERGENT LIQUIDE COMPRENANT UNE PROTEASE ET UNE LIPASE ENCAPSULEE**
[72] LANT, NEIL JOSEPH, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **CONDENSATION DE FICHIERS XML**
[72] SANCHEZ RIBES, SALVADOR, ES
[72] CASTANO ASPAS, JORGE, ES
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **LOCUS GENETIQUES ASSOCIES A DES PHENOTYPES DE CROISSANCE REPRODUCTIVE CHEZ LE SOJA ET PROCEDES D'UTILISATION**
[72] KYLE, DONALD EARL, US
[72] RIES, LANDON LINN, US
[72] SHENDELMAN, JOSHUA, US
[72] WANG, HUI, US
[72] WOODWARD, JOHN BRYAN, US
[72] YANG, MING, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **MODULAR TOOL HAVING COMBINED EM LOGGING AND TELEMETRY**
[54] **OUTIL MODULAIRE A DIAGRAPHIE ELECTROMAGNETIQUE ET TELEMETRIE COMBINEES**
[72] WILSON, GLENN ANDREW, US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-04-19
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[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF CANCER**
[54] **COMPOSITIONS ET METHODES POUR LE DU TRAITEMENT DU CANCER**
[72] LOBB, ROY, US
[72] RENNERT, PAUL, US
[71] ALETA BIOTHERAPEUTICS INC., US
[85] 2018-04-19
[86] 2016-10-28 (PCT/US2016/059582)
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[54] **METHODS FOR MAKING A WIRED PIPE6**
[54] **PROCEDES DE FABRICATION D'UNE TIGE CABLEE**
[72] FREDRIKSEN, KYRRE, NO
[72] ALHAUG, ESPEN, NO
[71] REELWELL A.S., NO
[85] 2018-04-19
[86] 2016-10-18 (PCT/IB2016/056258)
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[30] US (62/243,731) 2015-10-20
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[25] EN
[54] **METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND TREATMENT OF METABOLIC DISORDERS USING PM20D1 AND N-LIPIDATED AMINO ACIDS**
[54] **PROCEDES POUR IDENTIFIER, EVALUER, PREVENIR ET TRAITER DES TROUBLES METABOLIQUES AU MOYEN DE PM20D1 ET D'ACIDES AMINES N-LIPIDES**
[72] SPIEGELMAN, BRUCE M., US
[72] LONG, JONATHAN Z., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-04-19
[86] 2016-10-28 (PCT/US2016/059289)
[87] (WO2017/075329)
[30] US (62/248,007) 2015-10-29
[30] US (62/248,365) 2015-10-30
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[54] **INTERCEPTION-PROOF AUTHENTICATION AND ENCRYPTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION ET DE CHIFFREMENT ANTI-INTERCEPTION**
[72] NI, MIN, US
[71] NI, MIN, US
[85] 2018-04-19
[86] 2016-09-28 (PCT/US2016/054186)
[87] (WO2017/105579)
[30] US (14/925,769) 2015-10-28
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[25] EN
[54] **THYLAKOID EXTRACT COMPOSITION AND FORMULATION FOR THE TREATMENT OF INFLAMMATORY BOWEL DISEASE**
[54] **COMPOSITION D'EXTRAIT DE THYLAKOIDE ET FORMULATION POUR LE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE CHRONIQUE DE L'INTESTIN**
[72] BOULET, ANDRE P., CA
[72] GANA, THEOPHILUS J., US
[72] BOUCHER, NATHALIE, CA
[71] GROUPE SANTE DEVONIAN INC., CA
[85] 2018-04-20
[86] 2016-11-02 (PCT/CA2016/051268)
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[25] EN
[54] **INSULATION MATERIAL ARRANGEMENT AND METHOD FOR FORMING AN INSULATION MATERIAL**
[54] **AGENCEMENT DE MATERIAU D'ISOLATION ET PROCEDE DE MISE EN FORME DE MATERIAU D'ISOLATION**
[72] SCHMETZER, BRETT ANTHONY, AU
[72] SCHMETZER, STEVEN JOHN, AU
[71] SCHMETZER INDUSTRIES HOLDINGS PTY LTD, AU
[85] 2018-04-20
[86] 2016-10-20 (PCT/AU2016/050983)
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[30] AU (2015904353) 2015-10-23
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[54] **POST-TRAITEMENT ALTERNATIF DE STABILISATION DE CELLULOSES HAUTEMENT DESORDONNEES**
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[72] ATALLA, RAJAI H., US
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[54] **SYSTEME ET PROCEDE DE REFROIDISSEMENT DE BIOMASSE PREALABLEMENT TRAITEE**
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[72] TAYLOR, RYAN, CA
[72] RAHME, ZIYAD, CA
[72] MALLALIEU, CHRIS, CA
[71] IOGEN ENERGY CORPORATION, CA
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[54] **PROCESSES FOR PRODUCING NANOCELLULOSE, AND NANOCELLULOSE COMPOSITIONS PRODUCED THEREFROM**
[54] **PROCEDES DE PRODUCTION DE NANOCELLULOSE, ET COMPOSITIONS DE NANOCELLULOSE PRODUITES A PARTIR DE CELLE-CI**
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[71] API INTELLECTUAL PROPERTY HOLDINGS, LLC, US
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[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE TUMEURS SOLIDES A SUREXPRESSION DE HER**
[72] WOOD, LAUREN V., US
[72] ROBERSON, BRENDA D., US
[72] BERZOFSKY, JAY A., US
[72] MORRIS, JOHN C., US
[72] STEEL, JASON C., AU
[72] TERABE, MASAKI, US
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[54] **DISPOSITIF, SYSTEME ET PROCEDE POUR LA DETECTION BASEE SUR LA PRESSION D'UN CAILLOT**
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[72] NOACK, JOACHIM, DE
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[54] **REDUNDANT AIRCRAFT PROPULSION SYSTEM USING CO-ROTATING PROPELLERS JOINED BY TIP CONNECTORS**
[54] **SYSTEME DE PROPULSION D'AERONEF REDONDANT UTILISANT DES HELICES CO-ROTATIVES RELIEES PAR DES RACCORDS D'EXTREMITE**
[72] ROBERTS, NICHOLAS HAMPEL, US
[72] SHIOSAKI, DOMINIC TIMOTHY, US
[72] WELSH, RICKY DEAN, US
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[54] **PROCEDE DE PREPARATION DE SUBSTANCES P-PHENYLENEDIAMINE A SUBSTITUTION ARYLE**
[72] GUO, XIANGYUN, CN
[72] XING, JINGUO, CN
[72] RUAN, XIAOMIN, CN
[72] CHEN, XINMIN, CN
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[54] **VARIANTS DU FACTEUR VIII A CPG REDUIT, COMPOSITIONS, PROCEDES ET UTILISATIONS POUR LE TRAITEMENT D'AFFECTIONS HEMOSTATIQUES**
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[72] SHEN, SAM HSIEN-I, US
[71] SPARK THERAPEUTICS, INC., US
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[54] **PROCEDE ET SYSTEME DE GUIDE DE FONDATION OSSEUSE**
[72] LLOP, DANIEL R., US
[71] NATIONAL DENTEX, LLC, US
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[54] **EDGE PROFILE FOR A SHEET-LIKE MATERIAL, AND SHEET-LIKE MATERIAL**
[54] **PROFILE D'ARETE POUR MATERIAU EN FORME DE PLAQUE ET MATERIAU EN FORME DE PLAQUE**
[72] STREICHARDT, THOMAS, DE
[71] FRITZ EGGER GMBH & CO. OG, AT
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[54] **MACHINE DE PREPARATION DE BOISSON A FONCTIONNALITE EXTENSIBLE**
[72] PERENTES, ALEXANDRE, CH
[72] AIT BOUZIAD, YOUCEF, CH
[71] NESTEC S.A., CH
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[54] **GENERATION DE PLANTES HAPLOIDES A BASE DE KNL2**
[72] LERMONTOVA, INNA, DE
[71] LEIBNIZ-INSTITUT FUR PFLANZENGENETIK UND KULTURPFLANZENFORSCHUNG (IPK), DE
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[54] **PROCEDE ET DISPOSITIF PERMETTANT DE TRANSMETTRE DES DONNEES**
[72] ZHU, JUN, CN
[72] LIN, YINGPEI, CN
[72] LUO, JUN, CN
[72] PANG, JIYONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **MONOSUBSTITUTED OR POLYSUBSTITUTED AMPHIPHILIC HYPOCRELLIN DERIVATIVE, PREPARATION METHOD THEREFOR, AND USES THEREOF**
[54] **DERIVE D'HYPOCRELLINE AMPHIPHILE MONOSUBSTITUE OU POLYSUBSTITUE, SON PROCEDE DE PREPARATION ET SES UTILISATIONS**
[72] WANG, PENGFEI, CN
[72] WU, JIASHENG, CN
[72] LIU, WEIMIN, CN
[72] GU, YING, CN
[72] GE, JIECHAO, CN
[72] ZHENG, XIULI, CN
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[54] **PROCESS AND FILTER DEVICE FOR CLEANING FURNACE GAS**
[54] **PROCEDE ET DISPOSITIF DE FILTRE POUR LE NETTOYAGE DE GAZ DE COMBUSTION**
[72] EWALTS, WOUTER BERND, NL
[72] KLUT, PIETER DIRK, NL
[71] DANIELI CORUS B.V., NL
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[54] **METHODS OF DETECTING AND MANAGING A FIDUCIAL MARKER DISPLAYED ON A DISPLAY DEVICE**
[54] **PROCEDES DE DETECTION ET DE GESTION D'UN MARQUEUR DE REPERE AFFICHE SUR UN DISPOSITIF D'AFFICHAGE**
[72] HUBERT, ERIC, FR
[72] HIRTZLIN, PATRICE, FR
[72] MARVIE, JEAN-EUDES, FR
[71] THOMSON LICENSING, FR
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[54] **LIQUID LAUNDRY DETERGENT COMPOSITION COMPRISING A POLYMER SYSTEM**
[54] **COMPOSITION DE DETERGENT A LESSIVE LIQUIDE COMPRENANT UN SYSTEME POLYMERE**
[72] SAMBU, SAMMY KIBET, BE
[72] COOSEMANS, STEVEN JOZEF LOUIS, BE
[72] BODET, JEAN-FRANCOIS, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **DRY DUST REMOVAL FROM FURNACE GAS**
[54] **ELIMINATION DES POUSSIERES SECHES D'UN GAZ DE COMBUSTION**
[72] EWALTS, WOUTER BERND, NL
[72] KLUT, PIETER DIRK, NL
[71] DANIELI CORUS B.V., NL
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[54] **METHOD FOR ROLLING UP DEFINITE LENGTHS OF MATS IN UNIDIRECTIONAL ROLLED ROLLS, AND A MAT ROLLING STATION FOR PERFORMING THE METHOD**
[54] **PROCEDE D'ENROULEMENT DE LONGUEURS DEFINIES DE TAPIS DANS DES ROULEAUX ENROULES UNIDIRECTIONNELS, ET STATION D'ENROULEMENT DE TAPIS POUR CONDUIRE LE PROCEDE**
[72] ANDRESEN, MADS, DK
[71] INWATEC APS, DK
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[54] **SOFT PUSH TABS FOR CATHETER ADAPTER**
[54] **ERGOTS A POUSSEE SOUPLE POUR ADAPTATEUR DE CATHETER**
[72] GARRISON, MICHAEL, US
[72] PETERSON, BART D., US
[72] SONDEREGGER, RALPH L., US
[72] BURKHOLZ, JONATHAN KARL, US
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[54] **A METHOD OF MANUFACTURING A PELLICLE FOR A LITHOGRAPHIC APPARATUS, A PELLICLE FOR A LITHOGRAPHIC APPARATUS, A LITHOGRAPHIC APPARATUS, A DEVICE MANUFACTURING METHOD, AN APPARATUS FOR PROCESSING A PELLICLE, AND A METHOD FOR PROCESSING A PELLICLE**
[54] **PROCEDE DE FABRICATION D'UNE PELLICULE POUR UN APPAREIL LITHOGRAPHIQUE, PELLICULE POUR UN APPAREIL LITHOGRAPHIQUE, APPAREIL LITHOGRAPHIQUE, PROCEDE DE FABRICATION DE DISPOSITIF, APPAREIL DE TRAITEMENT D'UNE PELLICULE, ET PROCEDE DE TRAITEMENT D'UNE PELLICULE**
[72] PETER, MARIA, NL
[72] ABEGG, ERIK ACHILLES, NL
[72] GIESBERS, ADRIANUS JOHANNES MARIA, NL
[72] KLOOTWIJK, JOHAN HENDRIK, NL
[72] NASALEVICH, MAXIM ALEKSANDROVICH, NL
[72] VAN DEN EINDEN, WILHELMUS THEODORUS ANTHONIUS JOHANNES, NL
[72] VAN DER ZANDE, WILLEM JOAN, NL
[72] VAN ZWOL, PIETER-JAN, NL
[72] VERMEULEN, JOHANNES PETRUS MARTINUS BERNARDUS, NL
[72] VLES, DAVID FERDINAND, NL
[72] VOORTHUIJZEN, WILLEM-PIETER, NL
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[54] **RACCORD FORMANT BEC POUR LA DISTRIBUTION DE FLUIDES A PARTIR DE SACS SOUPLES**
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[71] LIQUI-BOX CORPORATION, US
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[54] **A METHOD PERFORMED BY AN ELECTRONIC DEVICE CAPABLE OF COMMUNICATING WITH A READER WITH IMPROVED SELF-TESTING**
[54] **PROCEDE MIS EN □UVRE PAR UN DISPOSITIF ELECTRONIQUE CAPABLE DE COMMUNIQUER AVEC UN LECTEUR AVEC UNE FONCTION D'AUTO-TEST AMELIOREE**
[72] GOYET, CHRISTOPHE, US
[71] OBERTHUR TECHNOLOGIES OF AMERICA CORP., US
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[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **COMPUTER-IMPLEMENTED CALCULATION OF CORN HARVEST RECOMMENDATIONS**
[54] **CALCUL INFORMATISE DE RECOMMANDATIONS DE RECOLTE DE MAIS**
[72] CHEN, JIUNN-REN, US
[72] XU, YING, US
[71] THE CLIMATE CORPORATION, US
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[54] **METHOD FOR SUPPLYING A CONTINUOUS SHEET OF AEROSOL-FORMING SUBSTRATE FROM A BOBBIN AND AEROSOL-GENERATING ARTICLE**
[54] **PROCEDE PERMETTANT DE FOURNIR UNE FEUILLE CONTINUE DE SUBSTRAT DE FORMATION D'AEROSOL A PARTIR D'UNE BOBINE, ET ARTICLE DE GENERATION D'AEROSOL**
[72] KLIPFEL, YORICK, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-04-20
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[25] EN
[54] **METHOD, APPARATUS, AND SYSTEM FOR DETECTING WORKING STATE OF PHOTOVOLTAIC PANEL, AND PHOTOVOLTAIC ELECTRICAL SYSTEM**
[54] **PROCEDE, APPAREIL ET SYSTEME DE DETECTION D'ETAT DE FONCTIONNEMENT DE PANNEAU PHOTOVOLTAIQUE, ET SYSTEME ELECTRIQUE PHOTOVOLTAIQUE**
[72] FENG, CHONGYANG, CN
[72] ZHANG, XUEFEN, CN
[72] JIANG, SHIYONG, CN
[72] WANG, JING, CN
[72] LIU, KEQIN, CN
[72] SONG, JIANGXI, CN
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[72] WEN, WU, CN
[72] LIN, BAOWEI, CN
[71] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
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[54] **PROTEOLYSIS TARGETING CHIMERA COMPOUNDS AND METHODS OF PREPARING AND USING SAME**
[54] **COMPOSES CHIMERES DE CIBLAGE DE PROTEOLYSE ET PROCEDES DE PREPARATION ET D'UTILISATION DE CEUX-CI**
[72] CREWS, CRAIG, US
[72] TOURE, MOMAR, US
[72] KO, EUNHWA, KR
[72] JAIME-FIGUEROA, SAUL, US
[71] YALE UNIVERSITY, US
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[54] **D-PROLINE DERIVATIVES AS SAP DEPLETING AGENT**
[54] **DERIVES DE D-PROLINE UTILISES COMME AGENT DE DEPLETION DE SAP**
[72] DENIS, ALEXIS, FR
[72] MIRGUET, OLIVIER, FR
[72] TOUM, JEROME, FR
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[54] **GITR AGONISTS**
[54] **AGONISTES DE GITR**
[72] DESCHAGHT, PIETER, BE
[72] LI, SANDRA, BE
[72] SNOECK, VEERLE, BE
[72] PYPE, JAN, BE
[71] ABLYNX NV, BE
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING ARTICLE AND METHOD FOR MANUFACTURING SUCH AEROSOL-GENERATING ARTICLE; AEROSOL-GENERATING DEVICE AND SYSTEM**
[54] **ARTICLE DE GENERATION D'AEROSOL ET PROCEDE DE FABRICATION D'UN TEL ARTICLE DE GENERATION D'AEROSOL; DISPOSITIF ET SYSTEME DE GENERATION D'AEROSOL**
[72] ROJO-CALDERON, NOELIA, CH
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **ANAEROBICALLY CURABLE COMPOSITIONS**
[54] **COMPOSITIONS ANAEROBIQUEMENT DURCISSABLES**
[72] LEDWITH, DEIRDRE, IE
[72] HYNES, AIMEE, IE
[72] O'KANE, RUAIRI, IE
[72] MULLEN, DAVID, IE
[72] BERGIN, NIAMH, IE
[72] DWORAK, DAVID, US
[72] FITZPATRICK, MARTIN, IE
[72] WROBEL, PETER, IE
[72] KNEAFSEY, BRENDAN, IE
[72] HOULIHAN, JIM, IE
[72] DOHERTY, MICHAEL, IE
[72] LOANE, MARK, IE
[71] HENKEL IP & HOLDING GMBH, DE
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[54] **DUNNAGE SYSTEM AND METHOD USING A COIL ACCUMULATOR**
[54] **SYSTEME DE FARDAGE ET PROCEDE UTILISANT UN ACCUMULATEUR A BOBINE**
[72] METHORST, ERWIN, NL
[72] LAMMERS, NICO, NL
[71] RANPAK CORP., US
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[25] EN
[54] **NICOTINAMIDE FOR LOWERING PHOSPHATE LEVELS IN HYPERPHOSPHATEMIA**
[54] **NICOTINAMIDE UTILISABLE EN VUE DE LA REDUCTION DES NIVEAUX DE PHOSPHATE DANS L'HYPERPHOSPHATEMIE**
[72] AMMER, RICHARD, DE
[71] MEDICE ARZNEIMITTEL PUTTER GMBH & CO. KG, DE
[85] 2018-04-20
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[25] EN
[54] **IMIDAZO[4,5-C]QUINOLIN-2-ONE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES IMIDAZO[4,5C]QUINOLINE-2-ONE ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] PIKE, KURT GORDON, GB
[72] BARLAAM, BERNARD CHRISTOPHE, GB
[72] HUNT, THOMAS ANTHONY, GB
[72] EATHERTON, ANDREW JOHN, GB
[71] ASTRAZENECA AB, SE
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[25] EN
[54] **PASSIVE FIRE RESPONSE SYSTEM AND METHOD OF MANUFACTURING**
[54] **SYSTEME PASSIF DE LUTTE ANTI-INCENDIE ET PROCEDE DE FABRICATION**
[72] LOEWEN, ERIC PAUL, US
[72] DOOIES, BRETT JAMESON, US
[72] STREGE, SETH RYAN PAUL, US
[72] O'NEILL, NICHOLAS FRANCIS, US
[72] MIRANDA, DANA CHRISTINE, US
[72] COWEN, HALEY MICHELLE, US
[71] GE-HITACHI NUCLEAR ENERGY AMERICAS LLC, US
[85] 2018-04-19
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[25] FR
[54] **NOVEL BRANCHED SULFUR-CONTAINING POLYMERS**
[54] **NOUVEAUX POLYMERES SOUFRES RAMIFIES**
[72] TESTUD, BLANDINE, FR
[72] GRAU, ETIENNE, FR
[72] TATON, DANIEL, FR
[72] CRAMAIL, HENRI, FR
[72] PINTORI, DIDIER, FR
[71] PIVERT, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT DES CORPS GRAS ETUDES ET RECHERCHES TECHNIQUES - ITERG, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[51] **Int.Cl. B29B 7/00 (2006.01)**
[25] EN
[54] **SHOOTING POT REFILL TIMING**
[54] **SYNCHRONISATION DU REMPLISSAGE D'UN POT D'INJECTION**
[72] BELZILE, MANON DANIELLE, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2018-04-19
[86] 2016-11-04 (PCT/US2016/060430)
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[30] US (62/253,888) 2015-11-11

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[25] EN
[54] **EXTRACTOR FOR EXTRACTING CONICAL SPACERS IN CONCRETE WALLS OR PILLARS AND ASSOCIATED METHOD**
[54] **EXTRACTEUR POUR EXTRAIRE LES CONES D'ENTRETOISES DE MURS OU DE PILIERS DE BETON, ET PROCEDE ASSOCIE**
[72] ELDUAYEN MADARIAGA, JUAN ANDRES, ES
[72] SANCHEZ GARDUNO, JAVIER, ES
[71] 20 EMMA 20 S.L., ES
[71] HEGAIN 2100 CONSULTING S.L., ES
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[54] **CASTING NOZZLE COMPRISING FLOW DEFLECTORS**
[54] **BUSETTE DE COULEE COMPRENANT DES DEFLECTEURS DE FLUX**
[72] RICHAUD, JOHAN, FR
[72] KREIERHOFF, MARTIN, DE
[72] WARMERS, CHRISTIAN, DE
[71] VESUVIUS USA CORPORATION, US
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL GENERATING ARTICLE, AEROSOL-GENERATING SYSTEM AND METHOD FOR MANUFACTURING AN AEROSOL-GENERATING ARTICLE**
[54] **ARTICLE DE GENERATION D'AEROSOL, SYSTEME DE GENERATION D'AEROSOL ET PROCEDE DE FABRICATION D'UN ARTICLE DE GENERATION D'AEROSOL**
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[51] **Int.Cl. C09C 1/48 (2006.01) B01F 17/00 (2006.01) C09C 1/56 (2006.01)**
[25] EN
[54] **PARTICULATE CARBON MATERIAL PRODUCIBLE FROM RENEWABLE RAW MATERIALS AND METHOD FOR ITS PRODUCTION**
[54] **MATERIAU PARTICULAIRE A BASE DE CARBONE POUVANT ETRE PRODUIT A PARTIR DE RESSOURCES RENOUVELABLES ET SON PROCEDE DE PRODUCTION**
[72] WITTMANN, TOBIAS, DE
[72] BERGEMANN, KLAUS, DE
[71] SUNCOAL INDUSTRIES GMBH, DE
[85] 2018-04-20
[86] 2016-11-18 (PCT/EP2016/078176)
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[30] DE (10 2015 014 956.3) 2015-11-21
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[25] EN
[54] **MOVABLE CRANE ARRANGEMENT AND METHOD FOR ERECTING MOVABLE CRANE ARRANGEMENT**
[54] **AGENCEMENT DE GRUE MOBILE ET PROCEDE DE MONTAGE D'AGENCEMENT DE GRUE MOBILE**
[72] KUISMANEN, OLLI, FI
[71] KONECRANES GLOBAL CORPORATION, FI
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[54] **SYSTEMS AND METHODS FOR IMAGE RECONSTRUCTION AT HIGH COMPUTED TOMOGRAPHY PITCH**
[54] **SYSTEMES ET PROCEDES DE RECONSTRUCTION D'IMAGE A UN PAS ELEVE DE TOMOGRAPHIE ASSISTEE PAR ORDINATEUR**
[72] FOLAND, ANDREW D., US
[72] OREPER, BORIS, US
[72] SCHMITT, MICHAEL, US
[71] L3 SECURITY & DETECTION SYSTEMS, INC., US
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[54] **ASSEMBLY FOR MOVING A DOOR OF A PIECE OF FURNITURE**
[54] **ENSEMBLE POUR DEPLACER UNE PORTE D'UN MEUBLE**
[72] CAPPELLOTTO, LEANDRO, IT
[71] HETTICH-ONI GMBH & CO. KG, DE
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[54] **SHOOTING POT REFILL CONTROL**
[54] **COMMANDE DE REMPLISSAGE DE POT D'INJECTION**
[72] BELZILE, MANON DANIELLE, US
[72] DEZON-GAILLARD, PATRICE FABIEN, US
[72] PLUMPTON, JAMES OSBORNE, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
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[25] EN
[54] **METHOD OF PRODUCING FILMS FROM HIGH CONSISTENCY ENZYME FIBRILLATED NANOCELLULOSE**
[54] **PROCEDE DE PRODUCTION DE FILMS A PARTIR D'UNE NANOCELLULOSE HAUTE CONSISTANCE FIBRILLEE PAR VOIE ENZYMATIQUE**
[72] KUNNARI, VESA, FI
[72] PERE, JAAKKO, FI
[72] HILTUNEN, JAAKKO, FI
[72] KEMPPAINEN, KATARIINA, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
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[25] EN
[54] **5,5'-BIS(2,4,6-TRINITROPHENYL)-2,2'-BI(1,3,4-OXADIAZOLE) AND BIS(2,4,6-TRINITROBENZOYL)OXALOHYDRAZIDE**
[54] **5,5'-BIS(2,4,6-TRINITROPHENYL)-2,2'-BI(1,3,4-OXADIAZOLE) ET BIS(2,4,6-TRINITROBENZOYL)OXALOHYDRAZIDE**
[72] KLAPOETKE, THOMAS, DE
[72] WITKOWSKI, TOMASZ GRZEGORZ, DE
[71] LUDWIG-MAXIMILIANS-UNIVERSITAET MUENCHEN, DE
[85] 2018-04-20
[86] 2016-10-21 (PCT/EP2016/075400)
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[30] EP (15191273.0) 2015-10-23

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[51] **Int.Cl. A01G 7/00 (2006.01) A01H 1/00 (2006.01) A01H 1/06 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01)**
[25] EN
[54] **HIGH PROTEIN OAT SPECIES**
[54] **ESPECE D'AVOINE A TENEUR ELEVEE EN PROTEINES**
[72] JACKSON, ERIC WAYNE, US
[71] GENERAL MILLS, INC., US
[85] 2018-04-19
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[25] EN
[54] **SHOOTING POT PLUNGER CONTROL**
[54] **REGLAGE DE PISTON DE TRANSFERT POUR INJECTION**
[72] BELZILE, MANON DANIELLE, US
[72] DEZON-GAILLARD, PATRICE FABIEN, US
[72] PLUMPTON, JAMES OSBORNE, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
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[54] **IMMUNOSTIMULATING-TOXIC RNA IN ALKALINE EARTH METAL FORMULATION**
[54] **ARN TOXIQUE IMMUNOSTIMULANT DANS UNE FORMULATION DE METAL ALCALINO-TERREUX**
[72] PASCOLO, STEVE, CH
[71] SPRNA GMBH, CH
[85] 2018-04-20
[86] 2016-10-21 (PCT/EP2016/075455)
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[51] **Int.Cl. A47F 1/06 (2006.01) A63G 3/02 (2006.01) A63G 31/00 (2006.01)**
[25] EN
[54] **WATER RIDE FLOTATION DEVICE DISPENSER**
[54] **DISTRIBUTEUR DE DISPOSITIF DE FLOTTAISON POUR PROMENADE AQUATIQUE**
[72] SCHWARTZ, JUSTIN MICHAEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2018-04-19
[86] 2016-10-18 (PCT/US2016/057545)
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[54] **IMPROVED ELECTRODE FOR REDOX FLOW BATTERY**
[54] **ELECTRODE AMELIOREE POUR BATTERIE REDOX**
[72] SUN, CHE-NAN, US
[72] GENDERS, DAVID, US
[72] SYMONS, PETER, US
[71] AVALON BATTERY (CANADA) CORPORATION, CA
[85] 2018-04-19
[86] 2016-11-09 (PCT/US2016/061204)
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[25] EN
[54] **LUGGAGE ARTICLE WITH AN EXTERNAL COMPARTMENT**
[54] **BAGAGE DOTE D'UN COMPARTIMENT EXTERIEUR**
[72] MEERSSCHAERT, REINHARD, BE
[71] SAMSONITE IP HOLDINGS S.A R.L., LU
[85] 2018-04-20
[86] 2016-10-21 (PCT/EP2016/075478)
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[30] EP (16190698.7) 2016-09-26
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[25] EN
[54] **ELECTRODE ASSEMBLY AND FLOW BATTERY WITH IMPROVED ELECTROLYTE DISTRIBUTION**
[54] **ENSEMBLE ELECTRODE ET BATTERIE A FLUX AYANT UNE MEILLEURE DISTRIBUTION D'ELECTROLYTE**
[72] KLASSEN, ANDREW, CA
[72] BLACKER, RICKY, CA
[71] AVALON BATTERY (CANADA) CORPORATION, CA
[85] 2018-04-19
[86] 2016-11-15 (PCT/US2016/061992)
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[30] US (62/256,847) 2015-11-18

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[54] **PEPTIDES**
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[72] MORGAN, RICHARD, GB
[71] HOX THERAPEUTICS LIMITED, GB
[85] 2018-04-20
[86] 2016-10-20 (PCT/GB2016/053282)
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[30] GB (1518700.8) 2015-10-21

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[51] **Int.Cl. C12N 15/11 (2006.01) C12Q 1/68 (2018.01) C40B 40/06 (2006.01)**
[25] EN
[54] **METHODS FOR GENOME ASSEMBLY, HAPLOTYPE PHASING, AND TARGET INDEPENDENT NUCLEIC ACID DETECTION**
[54] **PROCEDES D'ASSEMBLAGE DE GENOMES, PHASAGE D'HAPLOTYPES ET DETECTION D'ACIDE NUCLEIQUE INDEPENDANT CIBLE**
[72] GREEN, RICHARD E., US
[72] HARTLEY, PAUL, US
[72] TROLL, CHRISTOPHER, US
[72] MIN, EI EI, US
[71] DOVETAIL GENOMICS, LLC, US
[85] 2018-04-19
[86] 2016-10-18 (PCT/US2016/057557)
[87] (WO2017/070123)
[30] US (62/243,591) 2015-10-19
[30] US (62/243,576) 2015-10-19
[30] US (62/255,953) 2015-11-16
[30] US (62/294,198) 2016-02-11

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[51] **Int.Cl. C07K 14/705 (2006.01) A61K 38/17 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **SINGLE-CHAIN GITR-RECEPTOR AGONIST PROTEINS**
[54] **PROTEINES AGONISTES DU RECEPTEUR GITR A CHAINE UNIQUE**
[72] GIEFFERS, CHRISTIAN, DE
[72] HILL, OLIVER, DE
[72] THIEMANN, MEINOLF, DE
[72] SCHNYDER, TIM, DE
[71] APOGENIX AG, DE
[85] 2018-04-20
[86] 2016-10-24 (PCT/EP2016/075552)
[87] (WO2017/068185)
[30] US (62/245,815) 2015-10-23

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[51] **Int.Cl. C12N 15/86 (2006.01)**
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[54] **METHODS, KITS, AGENTS AND APPARATUSES FOR TRANSDUCTION**
[54] **PROCEDES, KITS, AGENTS ET APPAREILS DE TRANSDUCTION**
[72] TAREEN, SEMIH U., US
[72] BASHOUR, KEENAN, US
[71] JUNO THERAPEUTICS GMBH, DE
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[87] (WO2017/068419)
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[54] **NOZZLES USEFUL FOR SHOWER SYSTEMS**
[54] **POMME UTILE POUR DES SYSTEMES DE DOUCHE**
[72] HUGHES, ANTHONY DOUGLAS, GB
[72] SHOLES, NEIL, GB
[71] HUGHES SAFETY SHOWERS LIMITED, GB
[85] 2018-04-20
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[30] GB (1518802.2) 2015-10-23

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[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/113 (2010.01) A61K 31/713 (2006.01)**
[25] EN
[54] **REDUCED SIZE SELF-DELIVERING NUCLEIC ACID COMPOUNDS TARGETING LONG NON-CODING RNA**
[54] **COMPOSES D'ACIDES NUCLEIQUES DE TAILLE REDUITE A AUTO-ADMINISTRATION CIBLANT DES LONGS ARN NON CODANTS**
[72] VANDESOMPELE, JOKE HEDWIG, BE
[72] VAN PEER, GERT, BE
[72] CARDIA, JAMES, US
[72] BULOCK, KAREN G., US
[71] RXI PHARMACEUTICALS CORPORATION, US
[71] BIOGAZELLE NV, BE
[85] 2018-04-19
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[25] EN
[54] **METHODS FOR CULTURING CELLS AND KITS AND APPARATUS FOR SAME**
[54] **PROCEDES, KITS ET APPAREIL DE CULTURE DE CELLULES**
[72] GERMEROTH, LOTHAR, DE
[72] STEMBERGER, CHRISTIAN, DE
[72] GRAF, PATRICIA, DE
[72] BASHOUR, KEENAN, US
[71] JUNO THERAPEUTICS GMBH, DE
[85] 2018-04-20
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[30] US (62/245,261) 2015-10-22
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[54] **LIFTING SYSTEM FOR A SLIDING LEAF**
[54] **SYSTEME DE LEVAGE POUR VANTAIL COULISSANT RELEVABLE**
[72] BALBO DI VINADIO, AIMONE, IT
[71] SAVIO S.P.A., IT
[85] 2018-04-20
[86] 2016-10-24 (PCT/IB2016/056376)
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[54] **IMMUNOASSAY TO DETECT CLEAVED HIGH MOLECULAR WEIGHT KININOGEN**
[54] **DOSAGE IMMUNOLOGIQUE POUR DETECTER UN KININOGENE DE POIDS MOLECULAIRE ELEVE CLIVE**
[72] SEXTON, DANIEL J., US
[72] FAUCETTE, RYAN, US
[72] COSIC, JANJA, US
[71] DYAX CORP., US
[85] 2018-04-19
[86] 2016-10-19 (PCT/US2016/057640)
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[30] US (62/243,505) 2015-10-19
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[54] **WRITING INSTRUMENT AND RELATED PRODUCTION METHOD**
[54] **INSTRUMENT D'ECRITURE ET PROCEDE DE FABRICATION ASSOCIE**
[72] BETTANCINI, ANDREA, IT
[71] SIGNATURE S.R.L., IT
[85] 2018-04-20
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[54] **ELASTIC RING AND ASSOCIATED TREATMENT DEVICE FOR IMPLANTING IN A CONDUIT FOR CIRCULATION OF A BODY FLUID**
[54] **COURONNE ELASTIQUE ET DISPOSITIF DE TRAITEMENT ASSOCIE POUR UNE IMPLANTATION DANS UN CONDUIT DE CIRCULATION D'UN FLUIDE CORPOREL**
[72] CHAKFE, NABIL, FR
[72] CONTASSOT, DAVID, FR
[71] ID NEST MEDICAL, FR
[71] UNIVERSITE DE STRASBOURG, FR
[85] 2018-04-20
[86] 2016-10-26 (PCT/EP2016/075786)
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[54] **METHODS FOR CULTURING CELLS AND KITS AND APPARATUS FOR SAME**
[54] **PROCEDES DE CULTURE DE CELLULES, KITS ET APPAREIL ASSOCIES**
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[72] STEMBERGER, CHRISTIAN, DE
[72] GRAF, PATRICIA, DE
[71] JUNO THERAPEUTICS GMBH, DE
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[54] **METHOD FOR PATTERNING A COATING ON A SURFACE AND DEVICE INCLUDING A PATTERNED COATING**
[54] **PROCEDE DE CREATION DE MOTIFS SUR UN REVETEMENT SUR UNE SURFACE ET DISPOSITIF INCLUANT UN REVETEMENT A MOTIFS**
[72] CHANG, YI-LU, CA
[72] HELANDER, MICHAEL, CA
[72] WANG, ZHIBIN, CA
[72] WANG, QI, CA
[72] QIU, JACKY, CA
[72] LEVER, THOMAS, CA
[71] OTI LUMIONICS INC., CA
[85] 2018-04-20
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[25] FR
[54] **SPECIFIC NUTRITIONAL OR THERAPEUTIC AGENT INCLUDING A MIXTURE OF GRAPE AND BLUEBERRY**
[54] **AGENT NUTRITIONNEL OU THERAPEUTIQUE PARTICULIER COMPRENANT UN MELANGE DE RAISIN ET DE BLEUET**
[72] GAUDOUT, DAVID, FR
[72] REY, STEPHANE, FR
[72] LEMAIRE, BENOIT, FR
[72] BENSALEM, JULIEN, FR
[72] LEPOUDERE, ANNE, FR
[72] LETHUILLIER, DELPHINE, FR
[72] PARADIS, MARIE-EVE, CA
[72] DESJARDINS, YVES, CA
[72] DAL-PAN, ALEXANDRE, CA
[72] DUDONNE, STEPHANIE, CA
[72] CALON, FREDERIC, CA
[72] RAMASSAMY, CHARLES, CA
[71] ACTIV'INSIDE, FR
[71] SPECIALITES PET FOOD, FR
[71] UNIVERSITE LAVAL, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS), CA
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[54] **SYSTEMS AND METHODS FOR EVALUATING AND SELECTING A HEALTHCARE PROFESSIONAL USING A HEALTHCARE OPERATING SYSTEM**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EVALUER ET DE SELECTIONNER UN PROFESSIONNEL DE LA SANTE AU MOYEN D'UN SYSTEME D'EXPLOITATION DE SOINS DE SANTE**
[72] GUTMAN, RON J., US
[72] RUTLEDGE, GEOFFREY W., US
[71] HEALTHTAP, INC., US
[85] 2018-04-19
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[25] EN
[54] **PHYSICALLY AND CHEMICALLY STABLE ORAL SUSPENSIONS OF GIVINOSTAT**
[54] **SUSPENSIONS ORALES DE GIVINOSTAT PHYSIQUEMENT ET CHIMIQUEMENT STABLES**
[72] COLOMBO, GIUSEPPE, IT
[72] ARTICO, ROBERTA, IT
[72] MASCAGNI, PAOLO, ES
[72] MONZANI, MARIA VALMEN, IT
[72] PUCCIANTI, SILVIA, IT
[71] ITALFARMACO SPA, IT
[85] 2018-04-20
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[54] **SYSTEM AND METHOD FOR SUTURE KNOT FORMING**
[54] **SYSTEME ET PROCEDE DE FORMATION DE N□UD DE SUTURE**
[72] JUAN, CHUN-CHIA, TW
[72] WENG, YU-SHIH, TW
[72] CHENG, SHU-LING, TW
[71] MEDEON BIODESIGN, INC., TW
[71] JUAN, CHUN-CHIA, TW
[71] WENG, YU-SHIH, TW
[71] CHENG, SHU-LING, TW
[85] 2018-04-19
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[30] US (62/245,841) 2015-10-23
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[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING SYNTHESIS GAS**
[54] **DISPOSITIF ET PROCEDE POUR PRODUIRE UN GAZ DE SYNTHESE**
[72] KUHL, OLAF, DE
[71] CCP TECHNOLOGY GMBH, DE
[85] 2018-04-20
[86] 2016-10-26 (PCT/EP2016/075815)
[87] (WO2017/072181)
[30] DE (10 2015 014 007.8) 2015-10-30

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[25] EN
[54] **IDENTIFYING CONTENT ITEMS USING A DEEP-LEARNING MODEL**
[54] **IDENTIFIER DES ELEMENTS DE CONTENU A L'AIDE D'UN MODELE D'APPRENTISSAGE EN PROFONDEUR**
[72] PALURI, BALMANOHAR, US
[72] RIPPEL, OREN, US
[72] DOLLAR, PIOTR, US
[72] BOURDEV, LUBOMIR DIMITROV, US
[71] FACEBOOK, INC., US
[85] 2018-04-19
[86] 2016-02-18 (PCT/US2016/018368)
[87] (WO2017/078768)
[30] US (62/251,352) 2015-11-05
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[25] EN
[54] **PROGNOSTIC METHOD**
[54] **PROCEDE DE PRONOSTIC**
[72] CRAIGEN, JENNY L., GB
[72] GERMASCHEWSKI, FIONA M., GB
[72] FIELES, WILLIAM E., US
[72] MAYES, PATRICK A., US
[72] MCCAHON, LEE, GB
[72] NEVIN (NEE SULLY), KATHERINE, GB
[72] SEESTALLER-WEHR, LAURA M., US
[72] TUNSTEAD, JAMES, US
[72] LEE, LYDIA, GB
[72] PATERSON, JENNIFER, GB
[72] RODRIGUEZ-JUSTO, MANUEL, GB
[72] BOUNDS, DANTON, GB
[72] YONG, KWEE L., GB
[72] HERLEDAN, GAELLE, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-04-20
[86] 2016-10-28 (PCT/IB2016/056511)
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[54] **SURGICAL DRAPE WITH ATTACHABLE FLUID CONTROL POUCH AND GEOMETRIC ALIGNMENT FEATURE**
[54] **CHAMP CHIRURGICAL A POCHE DE REGULATION DE FLUIDE POUVANT ETRE FIXEE ET ELEMENT D'ALIGNEMENT GEOMETRIQUE**
[72] PUENTES, ALEJANDRO, US
[72] REYES, ROGELIO, US
[72] MOTT, LAURA E., US
[72] GINN, CAROLINE, US
[71] ALLEGIANCE CORPORATION, US
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **DIPEPTIDYL PEPTIDASE-4 AND PERIOSTIN AS PREDICTORS OF CLINICAL RESPONSE TO EOSINOPHIL-TARGETED THERAPEUTIC AGENTS IN EOSINOPHILIC DISEASES**
[54] **DIPEPTIDYL PEPTIDASE-4 ET PERIOSTINE UTILISEES COMME PREDICTEURS D'UNE REPONSE CLINIQUE A DES AGENTS THERAPEUTIQUES CIBLES SUR LES EOSINOPHILES DANS DES MALADIES EOSINOPHILES**
[72] NEWBOLD, PAUL, US
[72] RANADE, KOUSTUBH, US
[71] ASTRAZENECA AB, SE
[85] 2018-04-20
[86] 2016-11-03 (PCT/IB2016/001726)
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[30] US (62/250,691) 2015-11-04

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[51] **Int.Cl. A61F 9/008 (2006.01)**
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[54] **LASER BEAM CALIBRATION AND BEAM QUALITY MEASUREMENT IN LASER SURGERY SYSTEMS**
[54] **ETALONNAGE DE FAISCEAU LASER ET MESURE DE QUALITE DE FAISCEAU DANS DES SYSTEMES DE CHIRURGIE AU LASER**
[72] BAREKET, NOAH, US
[72] DEWEY, DAVID A., US
[72] SIMONEAU, MICHAEL J., US
[71] OPTIMEDICA CORPORATION, US
[85] 2018-04-19
[86] 2016-10-21 (PCT/US2016/058125)
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[54] **DIAGNOSTIC MARKER FOR CORONARY ARTERY DISEASE**
[54] **MARQUEUR POUR LE DIAGNOSTIC DE LA CORONAROPATHIE**
[72] ONO, TAKASHI, JP
[72] HAMADA, TADATERU, JP
[72] SHIGAKI, SHUHEI, JP
[72] MORITA, ATSUSHI, JP
[71] MEDIMMUNE, LLC, US
[85] 2018-04-20
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[54] **COMPOSITION FOR THE TREATMENT OF IGF-1R EXPRESSING CANCER**
[54] **COMPOSITION POUR LE TRAITEMENT D'UN CANCER EXPRIMANT IGF-1R**
[72] JOUHANNEAUD, ALEXANDRA, FR
[72] GOETSCH, LILIANE, FR
[72] BROUSSAS, MATTHIEU, FR
[72] BEAU-LARVOR, CHARLOTTE, FR
[72] CHAMPION, THIERRY, FR
[72] ROBERT, ALAIN, FR
[72] HAEUW, JEAN-FRANCOIS, FR
[72] RILATT, IAN, FR
[72] PEREZ, MICHEL, FR
[71] PIERRE FABRE MEDICAMENT, FR
[85] 2018-04-20
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[25] EN
[54] **METHODS AND RELATED COMPOSITIONS FOR THE TREATMENT OF CANCER**
[54] **METHODES ET COMPOSITIONS ASSOCIEES POUR LE TRAITEMENT DU CANCER**
[72] RACHMAN, ILYA, US
[71] IMMIX BIOPHARMA, INC., US
[85] 2018-04-19
[86] 2016-10-21 (PCT/US2016/058159)
[87] (WO2017/070494)
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[51] **Int.Cl. A61K 31/05 (2006.01) A61K 45/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING CANNABIDIOL AND SECOND THERAPEUTIC AGENTS FOR THE TREATMENT OF CANCER**
[54] **COMPOSITIONS COMPRENANT DU CANNABIDIOL ET UN DES SECONDS AGENTS THERAPEUTIQUES POUR LE TRAITEMENT DU CANCER**
[72] VOGEL, ZVI, IL
[72] UPPALAPATI, LAKSHMI NARASAIAH, IN
[72] GERALNIK, ADELA JUKNAT, IL
[72] NATHAN, ILANA, IL
[71] JAY PHARMA, INC., CA
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[54] **ASEPTIC ROBOTIC FILLING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE REMPLISSAGE ROBOTIQUE ASEPTIQUE**
[72] DIAZ, CARLOS, CA
[71] VANRX PHARMASYSTEMS INC., CA
[85] 2018-04-20
[86] 2016-10-28 (PCT/IB2016/001739)
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[30] US (62/247,717) 2015-10-28

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[25] EN
[54] **SECURING ASSEMBLY**
[54] **ENSEMBLE DE SECURISATION**
[72] LOMAX, WILLIAM JAMES, NZ
[71] ONGUARD GROUP LIMITED, NZ
[85] 2017-11-15
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR SEPARATING IMMISCIBLE LIQUIDS**
[54] **COMPOSITIONS ET PROCEDES DE SEPARATION DE LIQUIDES NON MISCIBLES**
[72] SIERAKOWSKI, MICHAEL J., US
[72] RABINS, ANDREW WRYNN, US
[72] WEILANDT, KARL DIETER, US
[72] WALLER, CLINTON P., JR., US
[72] BELKIN, MIKHAIL A., US
[72] CLEAR, SUSANNAH CAMBRIA, US
[72] WHITING, TIEN YI THERESA HSU, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **AN IMPROVED HERBICIDAL FORMULATION**
[54] **FORMULATION HERBICIDE AMELIOREE**
[72] SHROFF, JAIDEV RAJNIKANT, AE
[72] TALATI, PARESH VITHALDAS, IN
[72] SHIRSAT, RAJAN RAMAKANT, IN
[71] UPL LIMITED, IN
[85] 2018-04-20
[86] 2016-01-21 (PCT/IB2016/050294)
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[25] EN
[54] **PROGRAMMABLE UNIVERSAL CELL RECEPTORS AND METHODS OF USING THE SAME**
[54] **RECEPTEURS DE CELLULES UNIVERSELS PROGRAMMABLES ET LEURS PROCEDES D'UTILISATION**
[72] KAUFMANN, GUNNAR JORG FLORIS, US
[72] FU, YANWEN, US
[72] PATTERSON, JAMES T., US
[72] ZHANG, YAN-LIANG, US
[71] SORRENTO THERAPEUTICS, INC., US
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[86] 2016-10-24 (PCT/US2016/058429)
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[71] CONOCOPHILLIPS COMPANY, US
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[54] **COMPOSITION NUTRITIONNELLE RICHE EN PROTEINES DE BLE**
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[71] SYRAL BELGIUM NV, BE
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[72] PANG, SZE YONG, SG
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[71] SMARTFLEX TECHNOLOGY PTE LTD, SG
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[72] BIGOTT, JAMES W., US
[72] PACHAURI, AMIT, US
[72] FIETSAM, KIM CHARLES, US
[72] STETTES, GREGORY GLEN, US
[72] MONROE, DARYL R., US
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[54] **COMPOSITIONS HERBICIDES SOLIDES CONTENANT DU FLUROXYPYR-MEPTYLE**
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[72] ADRIAN, DAVID J., US
[72] BOUCHER, RAYMOND E., US
[72] HERCAMP, JOSEPH C., US
[72] DAVE, HITESHKUMAR, US
[72] SHEN, HAO, US
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[54] **CONFIGURATIONS ET PROCEDES DE TRAITEMENT DE GAZ ACIDES SOUS HAUTE PRESSION AVEC ZERO EMISSION**
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[71] FLUOR TECHNOLOGIES CORPORATION, US
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[54] **HANDLING SYSTEM AND METHOD FOR FACILITATING MAINTENANCE OF A SLEEPING UNIT, PARTICULARLY A HEALTHCARE BED**
[54] **SYSTEME ET METHODE DE MANUTENTION POUR FACILITER LA MAINTENANCE D'UNE UNITE DE COUCHAGE, EN PARTICULIER UN LIT MEDICALISE**
[72] GUHEL, YANNICK, FR
[72] GUILLERM, JEAN-PIERRE, FR
[72] BESNARD, MICKAEL, FR
[71] UNIVERSITE DE CAEN, FR
[71] CENTRE HOSPITALIER PUBLIC DU COTENTIN, FR
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[54] **DISPOSITIF TERMINAL, DISPOSITIF STATION DE BASE, ET PROCEDE DE COMMUNICATION**
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[71] SONY CORPORATION, JP
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[25] EN
[54] **COMPOSITION STABLY CONTAINING SINGLE-STRANDED NUCLEIC ACID MOLECULE THAT SUPPRESSES EXPRESSION OF TGF-S1 GENE**
[54] **COMPOSITION CONTENANT SOUS FORME STABLE UNE MOLECULE D'ACIDE NUCLEIQUE SIMPLE BRIN QUI SUPPRIME L'EXPRESSION DU GENE TGF-S1**
[72] TAKEUCHI, HIROFUMI, JP
[72] YAMADA, TAIMU, JP
[72] TOYOFUKU, HIDEKAZU, JP
[72] TAHARA, KOHEI, JP
[72] ONODERA, RISAKO, JP
[71] BONAC CORPORATION, JP
[71] TAKEUCHI, HIROFUMI, JP
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[54] **PROBIOTIC COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS PROBIOTIQUES ET LEURS UTILISATIONS**
[72] HOLMES, GARY, US
[71] Z PROBIOTICS INC. DBA Z BIOSCIENCE INC., US
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[54] **ANTICORPS HUMANISES ANTI-CD40 ET LEURS UTILISATIONS**
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[72] WANG, RIJIAN, US
[72] REIMANN, KEITH, US
[71] PRIMATOPE THERAPEUTICS INC., US
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[54] **MICROORGANISMS OF THE GENUS CORYNEBACTERIUM HAVING L-ISOLEUCINE PRODUCING ABILITY AND METHODS FOR PRODUCING L-ISOLEUCINE USING THE SAME**
[54] **MICROORGANISME CORYNEBACTERIUM SP. PRESENTANT LA CAPACITE A PRODUIRE DE LA L-ISOLEUCINE ET PROCEDE DE PRODUCTION DE L-ISOLEUCINE A L'AIDE DE CE DERNIER**
[72] KWON, SU YON, KR
[72] JANG, JAE WOO, KR
[72] KIM, MIN SE, KR
[72] KIM, JU JEONG, KR
[71] CJ CHEILJEDANG CORPORATION, KR
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[54] **DISPOSITIF D'ECLAIRAGE**
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[71] DELL'ARIO, DALE, US
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[54] **ADDITIF ALIMENTAIRE FAVORISANT LA PRISE DE POIDS, COMPOSITION D'ALIMENT POUR ANIMAUX, ET PROCEDE D'ELEVAGE D'ANIMAUX**
[72] YUN, KWAN SIK, KR
[71] KIMIN INC., KR
[71] YUN, KWAN SIK, KR
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[54] **PERMING SOLUTION ABSORBING TOWEL**
[54] **SERVIETTE D'ABSORPTION DE SOLUTION POUR PERMANENTE**
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[54] **WELD-FREE THREE-DIMENSIONAL GEOCELL SYSTEM FOR SOIL STABILIZATION AND PREFORM FOR PROCUCING SAME**
[54] **GEOGRILLE SANS SOUDURES A STRUCTURE ALVEOLAIRE POUR RENFORCER LE SOL ET EBAUCHE POUR SA FABRICATION**
[72] AZARKH, MIKHAIL MIKHAILOVICH, RU
[72] ODINOKOV, ALEKSANDR VLADIMIROVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "MIKI", RU
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[54] **PROCEDE ET SYSTEME D'IDENTIFICATION DE VULNERABILITES DE SECURITE**
[72] LI, DAVID, US
[71] ASSURED ENTERPRISES, INC., US
[85] 2018-04-20
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[54] **DEVICE AND METHOD FOR TRANSMITTING AND RECEIVING INFORMATION BY BRAILLE**
[54] **DISPOSITIF ET PROCEDE D'EMISSION ET DE RECEPTION D'INFORMATIONS EN BRAILLE**
[72] BELOMOEV, FEDOR VALENTINOVICH, RU
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[54] **EMBOLUS REMOVAL DEVICE WITH BLOOD FLOW RESTRICTION AND RELATED METHODS**
[54] **DISPOSITIF D'EXTRACTION D'UN EMBOLE AVEC RESTRICTION DE DEBIT SANGUIN ET PROCEDES ASSOCIES**
[72] MA, JIANLU, US
[71] NEUROVASC TECHNOLOGIES, INC., US
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[54] **ENSEMBLE D'ENTRAINEMENT POUR APPAREIL ELECTROMENAGER**
[72] BRUNNER, CHARLES S., US
[72] ELDRIDGE, COLDEN, US
[72] ARRIENS, ROSS DOUGLAS, US
[71] SHARKNINJA OPERATING LLC, US
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[54] **TECHNIQUES PERMETTANT DE DETERMINER DES EFFETS COTE CLIENT D'UN COMPORTEMENT COTE SERVEUR PAR ANALYSE CANARI**
[72] COHEN, MICHAEL LLOYD, US
[71] NETFLIX, INC., US
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[54] **APPAREIL ET PROCEDE POUR FOURNIR UN ESPACE D'ACHAT VIRTUEL**
[72] HIGH, DONALD R., US
[72] NATARAJAN, CHANDRASHEKAR, US
[72] GAT, DHAVAL, IN
[71] WALMART APOLLO, LLC, US
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[54] **PRODUITS ALIMENTAIRES DE TYPE VIANDE**
[72] AJAMI, DARIUSH, US
[72] ANDERSON, DAVID, US
[72] DILL, JESSE, US
[72] GEISTLINGER, TIMOTHY, US
[72] MAYORAL, KENNY, US
[72] NGO, HUU BA, US
[72] NORIEGA, THOMAS, US
[72] RYAN, DANIEL ANGUS, US
[72] SUAREZ-TRUJILLO, DEYA, US
[72] TIMMONS, MICHAEL S., US
[72] WALTON, TROY, US
[71] SAVAGE RIVER, INC. DBA BEYOND MEAT, US
[85] 2018-04-20
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[54] **APPARATUS, SYSTEMS AND METHODS FOR GROWING MICROORGANISMS**
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR FAIRE CROITRE DES MICRO-ORGANISMES**
[72] MAZUMDER, SHARMISTHA, US
[72] ZHANG, XIAO-ZHOU, US
[72] MILOVANOVIC, MAJA, US
[72] FARMER, SEAN, US
[71] LOCUS SOLUTIONS LLC, US
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[54] **DISPOSITIF DE SAISIE DE CABLE**
[72] SEPE, BENJAMIN T., US
[71] MSA TECHNOLOGY, LLC, US
[85] 2018-04-20
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[54] **NIGHT-LIGHT AND ALERT SYSTEM**
[54] **VEILLEUSE ET SYSTEME D'ALERTE**
[72] BRAR, DEV, US
[72] BASHORE, SHAWN, US
[71] HOME CARE PROVIDERS, INC., US
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[25] EN
[54] **FUEL FILTER EMPLOYING ONE OR MORE LAYERS OF WETLAID SYNTHETIC FIBERS**
[54] **FILTRE A CARBURANT FAISANT APPEL A UNE OU PLUSIEURS COUCHES DE FIBRES SYNTHETIQUES APPLIQUEES PAR VOIE HUMIDE**
[72] ESTEPP, DALE RAY, US
[72] PLATT, ANDREW GORDON, US
[71] SWM LUXEMBOURG S.A.R.L., LU
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[54] **RECYCLAGE DE REVETEMENTS DE SURFACE FIBREUX**
[72] BOKKA, SREEVALLI, US
[72] SMITH, CHAD C., US
[72] ESSMAN, JOHN S., US
[72] BENDER, DAVID M., US
[72] WHALEY, RONALD L., US
[71] GEO-TECH POLYMERS, LLC, US
[71] SMITH, CHAD C., US
[71] ESSMAN, JOHN S., US
[71] BENDER, DAVID M., US
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[54] **SEXUALLY TRANSMITTED DISEASE VACCINES**
[54] **VACCINS CONTRE LES MALADIES SEXUELLEMENT TRANSMISSIBLES**
[72] CIARAMELLA, GIUSEPPE, US
[72] HIMANSU, SUNNY, US
[71] MODERNATX, INC., US
[85] 2018-04-20
[86] 2016-10-21 (PCT/US2016/058314)
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[25] EN
[54] **RESPIRATORY SYNCYTIAL VIRUS VACCINE**
[54] **VACCIN CONTRE LE VIRUS RESPIRATOIRE SYNCYTIAL**
[72] CIARAMELLA, GIUSEPPE, US
[72] BAHL, KAPIL, US
[72] ESPESETH, AMY, US
[72] WANG, DAI, US
[72] BETT, ANDREW J., US
[71] MODERNATX, INC., US
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[86] 2016-10-21 (PCT/US2016/058321)
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[30] US (62/245,208) 2015-10-22
[30] US (62/245,031) 2015-10-22
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[54] **VACCIN CONTRE LE VIRUS DE L'HERPES SIMPLEX**
[72] CIARAMELLA, GIUSEPPE, US
[72] JOHN, SHINU, US
[72] BETT, ANDREW J., US
[72] CASIMIRO, DANILO R., US
[71] MODERNATX, INC., US
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[30] US (62/245,031) 2015-10-22
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[54] **A METHOD FOR PRODUCING CHIMERIC MICROBIAL HYBRIDS**
[54] **PROCEDE DE PRODUCTION D'HYBRIDES MICROBIENS CHIMERIQUES**
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[72] CANN, ANTHONY F., US
[71] SCIBAC INC., US
[85] 2018-04-19
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[54] **SWEEPING MACHINE HAVING IMPROVED SURFACE SEAL**
[54] **MACHINE DE BALAYAGE AYANT UN JOINT DE SURFACE AMELIORE**
[72] PETTY, CHRIS, US
[72] MICHAELS, BRENT, US
[71] ROADTEC, INC., US
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[54] **NUCLEOBASE EDITORS AND USES THEREOF**
[54] **EDITEURS DE NUCLEOBASES ET LEURS UTILISATIONS**
[72] LIU, DAVID R., US
[72] KOMOR, ALEXIS CHRISTINE, US
[72] REES, HOLLY A., US
[72] KIM, YONGJOO, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **MECANISME DE DETENTE D'ARBALETE A SURETE DE DESARMEMENT**
[72] MCPHERSON, MATHEW A., US
[72] HAYES, MARK J., US
[72] OZANNE, JEFFREY A., US
[71] MCP IP, LLC, US
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[25] EN
[54] **METHOD AND SYSTEM FOR CONTEMPORANEOUS ANALYSIS OF A CRUDE OIL FRONT END AND A CRUDE OIL BOILING POINT DISTRIBUTION VIA A SINGLE GAS CHROMATOGRAPH**
[54] **PROCEDE ET SYSTEME PERMETTANT UNE ANALYSE SIMULTANEE D'UNE EXTREMITE AVANT DE PETROLE BRUT ET D'UNE DISTRIBUTION DE POINT D'EBULLITION DE PETROLE BRUT PAR LE BIAIS D'UN SEUL CHROMATOGRAPHE EN PHASE GAZEUSE**
[72] LUBKOWITZ, JOAQUIN A., US
[72] CECCARELLI, CLAUDIO M., US
[72] MENEGHINI, ROBERTO I., US
[71] SEPARATION SYSTEMS, INC., US
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[54] **METHODS FOR TREATING ANGELMAN SYNDROME AND RELATED DISORDERS**
[54] **PROCEDES POUR TRAITER LE SYNDROME D'ANGELMAN ET DES TROUBLES ASSOCIES**
[72] MARICICH, YURI, US
[71] CAVION, INC., US
[85] 2018-04-20
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[54] **PROSTHETIC VALVE DELIVERY APPARATUS HAVING CLUTCH MECHANISM**
[54] **APPAREIL D'ADMINISTRATION DE VALVULE PROTHETIQUE POURVU D'UN MECANISME D'EMBRAYAGE**
[72] BIALAS, MICHAEL R., US
[72] METCHIK, ASHER L., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-04-20
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[54] **CONTOURED DIAPER CHANGING PAD INCLUDING ILLUMINATION**
[54] **TAPIS DE CHANGEMENT DE COUCHE PROFILE COMPRENANT UN ECLAIRAGE**
[72] MCCONNELL, MICHAEL, US
[72] MCCONNELL, KELLY, US
[71] PRINCE LIONHEART, INC., US
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[54] **METHODS FOR CELL-FREE DNA EXTRACTION FOR NON-INVASIVE PRENATAL SCREENING**
[54] **PROCEDES D'EXTRACTION D'ADN ACELLULAIRE POUR LE DEPISTAGE PRENATAL NON INVASIF**
[72] ANDERSON, BEN, US
[72] STROM, CHARLES, US
[72] TSAO, DAVID, US
[72] LIU, YAN, US
[72] SUN, WEIMIN, US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
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[54] **DEVICES, SYSTEMS, AND METHODS FOR STIMULATION THERAPY**
[54] **DISPOSITIFS, SYSTEMES ET METHODES POUR THERAPIE DE STIMULATION**
[72] FAYRAM, TIMOTHY A., US
[72] YEH, ALEXANDER, US
[72] SHAW, GARY, US
[72] ARMSTRONG, RANDOLPH KERRY, US
[72] MORRIS, MILTON M., US
[72] JUNCO, ELIA, US
[71] NEUSPERA MEDICAL INC., US
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[54] **LAVAGE D'EFFLUENT DE REACTEUR POUR EXTRAIRE DES COMPOSES AROMATIQUES**
[72] NEDOHIN, GREGORY J., US
[72] BANACH, MICHAEL J., US
[72] MYERS, DAVID N., US
[71] UOP LLC, US
[85] 2018-04-20
[86] 2016-10-26 (PCT/US2016/058870)
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[25] EN
[54] **GEOLOCATION COMPLIANCE FOR A MOBILE WORKFORCE**
[54] **CONFORMITE DE GEOLOCALISATION POUR UNE MAIN D'□UVRE MOBILE**
[72] DEGENEFFE, MIKE, US
[72] DEVGUN, SHALEEN, US
[72] PAULS, STEPHEN JOHN, US
[72] SCHMIDT, DANIEL G., US
[72] LOFGREN, CHRISTOPHER B., US
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[54] **APPUI POUR LE MENTON ET LA TETE DE PATIENTS GRANDS**
[72] NORWOOD, RICK A., US
[71] NORWOOD, RICK A., US
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[25] EN
[54] **SUBSTITUTED BICYCLIC PYRAZOLE COMPOUNDS AS RORGAMMAT INHIBITORS AND USES THEREOF**
[54] **COMPOSES PYRAZOLES BICYCLIQUES SUBSTITUES EN TANT QU'INHIBITEURS DE RORGAMMAT ET LEURS UTILISATIONS**
[72] LAPOINTE, BLAIR T., US
[72] FULLER, PETER H., US
[72] GUNAYDIN, HAKAN, US
[72] LIU, KUN, US
[72] MOLINARI, DANEILLE F., US
[72] PU, QINGLIN, US
[72] SCOTT, MARK E., CA
[72] TROTTER, B. WESLEY, US
[72] ZHANG, HONGJUN, US
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[25] EN
[54] **SUBSTITUTED INDAZOLE COMPOUNDS AS RORGAMMAT INHIBITORS AND USES THEREOF**
[54] **COMPOSES INDAZOLE SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE RORGAMMAT ET UTILISATIONS ASSOCIEES**
[72] LAPOINTE, BLAIR T., US
[72] FULLER, PETER H., US
[72] GUNAYDIN, HAKAN, US
[72] LIU, KUN, US
[72] SCOTT, MARK E., CA
[72] TROTTER, B. WESLEY, US
[72] ZHANG, HONGJUN, US
[71] MERCK SHARP & DOHME CORP., US
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[25] EN
[54] **HETEROARYL SUBSTITUTED BENZOIC ACIDS AS RORGAMMAT INHIBITORS AND USES THEREOF**
[54] **ACIDES BENZOIQUES A SUBSTITUTION HETEROARYLE EN TANT QU'INHIBITEURS DE RORGAMMAT ET LEURS UTILISATIONS**
[72] ZHANG, HONGJUN, US
[72] BARR, KENNETH JAY, US
[72] LAPOINTE, BLAIR T., US
[72] GUNAYDIN, HAKAN, US
[72] LIU, KUN, US
[72] TROTTER, B. WESLEY, US
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[54] **PARTAGE DE DONNEES DE NAVIGATION ENTRE DES DISPOSITIFS INFORMATIQUES COLOCALISES**
[72] HARDING, DEAN, AU
[72] FOSTER, ANDREW, AU
[71] GOOGLE LLC, US
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[54] **ELECTROCHEMICAL CELL HAVING THIN METAL FOIL PACKAGING AND A METHOD FOR MAKING SAME**
[54] **PILE ELECTROCHIMIQUE A BOITIER EN FEUILLE METALLIQUE MINCE ET SON PROCEDE DE FABRICATION**
[72] AMATUCCI, GLENN, US
[72] PLITZ, IRENE, US
[72] SUNG, LINDA, US
[72] FERRER, ANTHONY, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[86] 2016-10-27 (PCT/US2016/059071)
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[51] **Int.Cl. A47L 5/30 (2006.01) A47L 5/34 (2006.01) A47L 9/04 (2006.01)**
[25] EN
[54] **SURFACE CLEANING HEAD WITH LEADING ROLLER**
[54] **TETE DE NETTOYAGE DE SURFACE COMPRENANT UN ROULEAU AVANT**
[72] THORNE, JASON B., US
[72] MEYER, DANIEL, US
[72] BROWN, ANDRE DAVID, US
[72] LIU, SAM, US
[71] SHARKNINJA OPERATING LLC, US
[85] 2018-04-20
[86] 2016-10-21 (PCT/US2016/058148)
[87] (WO2017/070489)
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[30] US (62/248,813) 2015-10-30
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[51] **Int.Cl. B64D 17/00 (2006.01) B64D 17/24 (2006.01)**
[25] EN
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[54] **GLISSEUR DE PARACHUTE AVEC ELEMENTS RAIDISSEURS**
[72] DUNKER, GARRETT STORM, US
[71] AIRBORNE SYSTEMS NORTH AMERICA OF NJ INC., US
[85] 2018-04-20
[86] 2016-10-27 (PCT/US2016/059168)
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[25] EN
[54] **SYSTEMS AND METHODS FOR AN INLINE DUAL CAM TENSIONING DEVICE**
[54] **SYSTEMES ET PROCEDES POUR TENDEUR DE CAME DOUBLE EN LIGNE**
[72] SEADER, REX, US
[71] NITE IZE, INC., US
[85] 2018-04-20
[86] 2016-12-16 (PCT/US2016/067365)
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[25] EN
[54] **CARTON WITH RECLOSABLE LOCK**
[54] **BRIQUE ALIMENTAIRE A LOQUET REFERMABLE**
[72] FAULKNER, WILLIAM, US
[72] BATES, AARON LEE, US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2018-04-20
[86] 2016-12-08 (PCT/US2016/065494)
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[30] US (62/264,530) 2015-12-08

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[13] A1
[51] **Int.Cl. B65D 63/00 (2006.01) B65D 63/10 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR A CORD HOLDER**
[54] **SYSTEMES ET PROCEDES SERVANT A UN SUPPORT DE CORDON**
[72] MARTINSON, DANIEL J., US
[71] NITE IZE, INC., US
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[25] EN
[54] **SURFACE CLEANING HEAD WITH DUAL ROTATING AGITATORS**
[54] **TETE DE NETTOYAGE DE SURFACE COMPRENANT DES AGITATEURS ROTATIFS DOUBLES**
[72] CARTER, STEVEN PAUL, GB
[72] UDY, ADAM, GB
[72] SUTTER, CATRIONA A., GB
[72] PINCHES, CHRISTOPHER, GB
[72] CLARE, DAVID S., GB
[72] BROWN, ANDRE DAVID, US
[72] FREESE, JOHN, US
[72] CLEARY, PATRICK, US
[72] CALVINO, ALEXANDER, US
[72] COTTRELL, LEE, US
[72] MEYER, DANIEL, US
[72] INNES, DANIEL JOHN, US
[72] JALBERT, DAVID, US
[72] THORNE, JASON B., US
[72] HUTCHINSON, PETER, CN
[72] HOWE, GORDON, US
[72] GAO WENXIU, NANCY, CN
[72] WU, DAVID, US
[72] POIRER, DAVID W., US
[71] SHARKNINJA OPERATING LLC, US
[85] 2018-04-20
[86] 2016-10-21 (PCT/US2016/058155)
[87] (WO2017/070492)
[30] US (62/244,331) 2015-10-21
[30] US (62/248,813) 2015-10-30
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[51] **Int.Cl. C07K 1/04 (2006.01) C07K 1/06 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN SOLID PHASE PEPTIDE SYNTHESIS**
[54] **AMELIORATIONS DANS LA SYNTHESE PEPTIDIQUE EN PHASE SOLIDE**
[72] COLLINS, JONATHAN M., US
[71] CEM CORPORATION, US
[85] 2018-04-20
[86] 2016-10-21 (PCT/US2016/058181)
[87] (WO2017/070512)
[30] US (62/245,484) 2015-10-23
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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 6/04 (2006.01) A61B 6/08 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ALIGNMENT OF A SUBJECT FOR MEDICAL IMAGING**
[54] **PROCEDES ET SYSTEMES D'ALIGNEMENT D'UN SUJET A DES FINS D'IMAGERIE MEDICALE**
[72] WALLE-JENSEN, JORGEN, CA
[72] GUREVICH, LINA, CA
[72] BROWNE, GREGORY VINCENT, CA
[71] NOVADAQ TECHNOLOGIES ULC, CA
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[86] 2016-10-28 (PCT/CA2016/051254)
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[30] US (62/248,199) 2015-10-29

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[51] **Int.Cl. C07D 223/18 (2006.01) A61K 31/55 (2006.01)**
[25] EN
[54] **DIBENZO AZEPINE COMPOUNDS AND THEIR USE IN THE TREATMENT OF OTIC DISEASES AND DISORDERS**
[54] **DERIVES DE DIBENZOAZEPINE ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES ET DE TROUBLES OTIQUES**
[72] SEIDERS, THOMAS JON, US
[72] LEE, CATHERINE YULING, US
[72] LI, YIWEI, US
[71] INCEPTION 3, INC., US
[85] 2018-04-20
[86] 2016-10-27 (PCT/US2016/059194)
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[30] US (62/248,625) 2015-10-30

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[54] **PYRIDONE DERIVATIVES AND THEIR USE AS KINASE INHIBITORS**
[54] **DERIVES DE PYRIDONE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE KINASE**
[72] RZYMSKI, TOMASZ, PL
[72] MILIK, MARIUSZ, PL
[72] BRZOZKA, KRZYSZTOF, PL
[72] FABRITIUS, CHARLES-HENRY, PL
[72] KUCWAJ-BRYSZ, KATARZYNA, PL
[72] KULESZA, URSZULA, PL
[72] WINCZA, EWELINA, PL
[72] DREAS, AGNIESZKA, PL
[72] GALEZOWSKI, MICHAL, PL
[71] SELVITA S.A., PL
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[54] **TWIST-TIE DISPENSER**
[54] **DISTRIBUTEUR DE LIEN TORSADE**
[72] HELSETH, JAMES R., US
[72] HELSETH, JEFFREY MICHAEL, US
[72] HELSETH, MATHEW JAMES, US
[72] BENSON, DAVID J., US
[71] TWIST-EASE, INC., US
[85] 2018-04-20
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[25] EN
[54] **ISOINDOLINE, AZAISOINDOLINE, DIHYDROINDENONE AND DIHYDROAZAINDENONE INHIBITORS OF MNK1 AND MNK2**
[54] **COMPOSES ISOINDOLINE, AZAISOINDOLINE, DIHYDROINDENONE ET DIHYDROAZAINDENONE UTILISES COMME INHIBITEURS DE MNK1 ET MNK2**
[72] SPRENGELER, PAUL A., US
[72] REICH, SIEGFRIED H., US
[72] ERNST, JUSTIN T., US
[72] WEBBER, STEPHEN E., US
[72] SHAGHAFI, MIKE, US
[72] MURPHY, DOUGLAS, US
[72] TRAN, CHINH, US
[71] EFFECTOR THERAPEUTICS, INC., US
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[25] EN
[54] **C,O-SPIRO ARYL GLYCOSIDE COMPOUNDS, PREPARATION THEREFOR AND USE THEREOF**
[54] **COMPOSES C,O-SPIRO-ARYL-GLYCOSIDES, LEUR PREPARATION ET LEUR UTILISATION**
[72] LIU, HONG, CN
[72] LI, JIA, CN
[72] WANG, JIANG, CN
[72] LI, JINGYA, CN
[72] CHEN, HUI, CN
[72] LI, DAN, CN
[72] LI, JIAN, CN
[72] WANG, YIBING, CN
[72] JIANG, HUALIANG, CN
[72] CHEN, KAIXIAN, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
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[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCING MICRO-ENGINEERED MODELS OF THE HUMAN CERVIX**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION DE MODELES MICRO-FACONNES DU COL DE L'UTERUS HUMAIN**
[72] HUH, DONGEUN, US
[72] SEO, JEONGYUN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-04-20
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE PRODUCTION OF MONOCLONAL ANTIBODIES, HEMATOPOIETIC STEM CELLS, AND METHODS OF USING THE SAME**
[54] **PROCEDES ET COMPOSITIONS POUR LA PRODUCTION D'ANTICORPS MONOCLONAUX, CELLULES SOUCHES HEMATOPOIETIQUES ET METHODES D'UTILISATION DE CELLES-CI**
[72] MAGNANI, JOHN L., US
[71] GLYCOMIMETICS, INC., US
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[86] 2016-11-02 (PCT/US2016/060014)
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[25] EN
[54] **APPLICATIONS OF PROTEIN VDAL IN IMPROVING OUTPUT, PRODUCT QUALITY AND DROUGHT RESISTANCE OF PLANT AND IN IMPROVING FRUIT COLORING OF PLANT**
[54] **APPLICATIONS DE LA PROTEINE VDAL DANS L'AMELIORATION DU RENDEMENT, DE LA QUALITE DE PRODUIT ET DE LA RESISTANCE A LA SECHERESSE D'UNE PLANTE ET DANS L'AMELIORATION DE LA COLORATION DE FRUIT D'UNE PLANTE**
[72] QI, JUNSHENG, CN
[72] GONG, ZHIZHONG, CN
[72] HONG, XUHUI, CN
[72] ZHANG, DINGPENG, CN
[71] PHEROBIO TECHNOLOGY CO., LTD, CN
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[54] **WEARABLE SMART ROUTER**
[54] **ROUTEUR INTELLIGENT VESTIMENTAIRE**
[72] WENGROVITZ, MICHAEL S., US
[72] LIPMAN, DERRELL, US
[72] MAZZARELLA, JOSEPH R., US
[71] MUTUALINK, INC., US
[85] 2018-04-20
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[25] EN
[54] **ANTIBODIES FOR TARGETING CANCER STEM CELLS AND TREATING AGGRESSIVE CANCERS**
[54] **ANTICORPS POUR LE CIBLAGE DE CELLULES SOUCHES CANCEREUSES ET LE TRAITEMENT DE CANCERS AGRESSIFS**
[72] MAGNANI, JOHN L., US
[71] GLYCOMIMETICS, INC., US
[85] 2018-04-20
[86] 2016-11-02 (PCT/US2016/060088)
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[25] EN
[54] **PROTEIN KINASE INHIBITORS, PREPARATION METHOD AND MEDICAL USE THEREOF**
[54] **INHIBITEUR DE PROTEINE KINASE, SON PROCEDE DE PREPARATION ET SON UTILISATION MEDICALE**
[72] YIN, LEI, CN
[72] LIU, WENJIAN, CN
[72] LI, HENG, CN
[72] ZHU, DIANXI, CN
[71] GAN&LEE PHARMACEUTICALS, CN
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[25] EN
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[54] **BASE D'AROME NATUREL ET PROCEDE POUR LA PREPARER**
[72] ULMER, HELGE, DE
[72] KERLER, JOSEF, SG
[71] NESTEC S.A., CH
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[54] **FLOOR DRAIN HAVING A SEALING GASKET ATTACHED THERETO**
[54] **ECOULEMENT DE SOL COMPORTANT UNE GARNITURE CYLINDRIQUE FIXEE A CELUI-CI**
[72] SCHLUTER, WERNER, DE
[71] SCHLUTER, WERNER, DE
[85] 2018-04-23
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[25] EN
[54] **CONDENSED BICYCLIC HETEROCYCLE DERIVATIVES AS PEST CONTROL AGENTS**
[54] **DERIVES HETEROCYCLES BICYCLIQUES CONDENSES UTILISES EN TANT QUE PRODUITS DE LUTTE ANTIPARASITAIRE**
[72] FISCHER, RUDIGER, DE
[72] HAGER, DOMINIK, DE
[72] HOFFMEISTER, LAURA, DE
[72] KAUSCH-BUSIES, NINA, DE
[72] WILCKE, DAVID, DE
[72] WILLOT, MATTHIEU, DE
[72] GORGENS, ULRICH, DE
[72] ILG, KERSTIN, DE
[72] MOSRIN, MARC, DE
[72] PORTZ, DANIELA, DE
[72] TURBERG, ANDREAS, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **AUTOMATED GENERATION OF BONE TREATMENT MEANS**
[54] **GENERATION AUTOMATISEE DE MOYENS DE TRAITEMENT D'OS**
[72] LEIBINGER, CHRISTIAN, DE
[72] HOLLER, WOLFGANG, AT
[72] MARTIN, MICHAEL, DE
[71] KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG, DE
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[54] **MEDICAL DRESSING**
[54] **PANSEMENT MEDICAL**
[72] GUSTIN BERGSTROM, MARIA, SE
[72] OSTLUND, LINDA, SE
[72] JACOBSSON, LENA, SE
[72] WATHNE, CHRISTIAN, SE
[71] MOLNLYCKE HEALTH CARE AB, SE
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[54] **SENSOR ASSEMBLY**
[54] **ENSEMBLE CAPTEUR**
[72] TVEDT, LARS GEIR WHIST, NO
[72] OSTBY, JOAR MARTIN, NO
[72] GLOTT, THOMAS, NO
[72] CLAUSEN, INGELIN, NO
[71] SINTEF TTO AS, NO
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[86] 2016-10-27 (PCT/EP2016/075990)
[87] (WO2017/072261)
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[51] **Int.Cl. C07K 5/097 (2006.01) A61K 38/06 (2006.01)**
[25] EN
[54] **GELATINASE INHIBITORS AND USE THEREOF**
[54] **INHIBITEURS DES GELATINASES ET LEUR UTILISATION**
[72] PRADES COSANO, ROGER, ES
[72] SECO MORAL, JESUS, ES
[72] TARRAGO CLUA, MARIA TERESA, ES
[71] IPROTEOS S.L, ES
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[86] 2016-11-15 (PCT/EP2016/077632)
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[25] EN
[54] **REACH-COMPLIANT PYROTECHNIC DELAYED-ACTION COMPOSITION AND PRIMER CHARGE HAVING VARIABLY SETTABLE PERFORMANCE PARAMETERS**
[54] **COMPOSITION PYROTECHNIQUE DE RETARDEMENT ET D'ALLUMAGE CONFORME AU REGLEMENT REACH ET DONT LES PARAMETRES DE PERFORMANCE PEUVENT ETRE MODULABLES**
[72] CEGIEL, DIRK, DE
[72] SCHULZ, ERNEST, DE
[72] STRENGER, JULIA, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
[85] 2018-04-23
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[25] EN
[54] **CATALYST SYSTEM AND PROCESS FOR THE PRODUCTION OF GLYCOLS**
[54] **SYSTEME DE CATALYSEUR ET PROCEDE POUR LA PRODUCTION DE GLYCOLS**
[72] VAN DER HEIDE, EVERT, NL
[72] EDULJI, SMITA, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-04-23
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[51] **Int.Cl. A61B 5/145 (2006.01)**
[25] EN
[54] **SENSOR ASSEMBLY FOR DETECTING AT LEAST ONE ANALYTE IN A BODY FLUID AND METHOD OF ASSEMBLING A SENSOR ASSEMBLY**
[54] **ENSEMBLE DE CAPTEUR POUR DETECTER AU MOINS UN ANALYTE DANS UN FLUIDE CORPOREL ET PROCEDE D'ASSEMBLAGE D'UN ENSEMBLE DE CAPTEUR**
[72] HARTTIG, HERBERT, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-04-23
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[25] EN
[54] **DISPENSER, FLAVOURING CONTAINER AND FLAVOURING METHOD**
[54] **DISTRIBUTEUR, RECIPIENT D'AROME ET PROCEDE D'AROMATISATION**
[72] CORKER, RICHARD, GB
[72] TOSCH, WOLFGANG, GB
[72] HODGES, KEVIN, GB
[72] LONGMAN, DANIEL, GB
[72] MASON, DAVID, GB
[72] WHATELEY, TIM, GB
[72] SHEA-SIMONDS, DUNCAN, GB
[71] ANHEUSER-BUSCH INBEV S.A., BE
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[25] EN
[54] **DIMERIC CONTRAST AGENTS**
[54] **AGENTS DE CONTRASTE DIMERIQUES**
[72] BOI, VALERIA, IT
[72] NAPOLITANO, ROBERTA, IT
[72] LATTUADA, LUCIANO, IT
[71] BRACCO IMAGING SPA, IT
[85] 2018-04-23
[86] 2016-12-12 (PCT/EP2016/080621)
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[51] **Int.Cl. A61B 3/06 (2006.01) A61B 3/00 (2006.01)**
[25] EN
[54] **VISUAL STRESS ASSESSMENT DEVICE**
[54] **DISPOSITIF D'EVALUATION DU STRESS VISUEL**
[72] WILKINS, ARNOLD, GB
[71] UNIVERSITY OF ESSEX ENTERPRISE LIMITED, GB
[85] 2018-04-23
[86] 2016-10-21 (PCT/GB2016/053301)
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[30] GB (1519117.4) 2015-10-29

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[51] **Int.Cl. C10K 1/00 (2006.01) C10G 2/00 (2006.01) C10K 1/08 (2006.01) C10K 1/32 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A HYDROCARBON PRODUCT FLOW FROM A GASEOUS HYDROCARBONACEOUS FEED FLOW AND RELATED INSTALLATION**
[54] **PROCEDE DE PRODUCTION D'UN ECOULEMENT DE PRODUIT HYDROCARBURE A PARTIR D'UN ECOULEMENT D'ALIMENTATION HYDROCARBONE GAZEUX ET INSTALLATION ASSOCIEE**
[72] MONIOT, REMI, FR
[72] DAVEY, WILLIAM LEWIS ERROL, DE
[71] TECHNIP FRANCE, FR
[85] 2018-04-23
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[25] EN
[54] **MULTIPLE LOCATION LOAD CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE CHARGE A EMPLACEMENTS MULTIPLES**
[72] DADASHNIALEHI, EHSAN, US
[72] NEWMAN, ROBERT C., US
[72] RANERI, DANIEL CURTIS, US
[72] SHUKLA, JAYKRISHNA A., US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-04-20
[86] 2016-10-21 (PCT/US2016/058301)
[87] (WO2017/070604)
[30] US (62/245,763) 2015-10-23

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[51] **Int.Cl. H02K 37/00 (2006.01) H02K 1/12 (2006.01) H02K 1/18 (2006.01)**
[25] EN
[54] **SLOTLESS BRUSHLESS DC MOTOR / ACTUATOR**
[54] **MOTEUR/ACTIONNEUR A COURANT CONTINU SANS BALAIS ET SANS ENCOCHES**
[72] MORTON, DAVID H., US
[72] REED, MICHAEL H., US
[72] WHITT, THOMAS R., US
[72] BLANCHARD, MICHAEL C., US
[71] MAGSWITCH TECHNOLOGY INC., US
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[51] **Int.Cl. G06K 9/34 (2006.01) G06K 9/03 (2006.01) G06K 9/46 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF UNMIXING IMAGES WITH VARYING ACQUISITION PROPERTIES**
[54] **SYSTEMES ET PROCEDES DE NON-MELANGE D'IMAGES PRESENTANT DES PROPRIETES D'ACQUISITION VARIABLES**
[72] BREDNO, JOERG, US
[72] MARTIN, JIM F., US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2018-04-23
[86] 2016-12-16 (PCT/EP2016/081329)
[87] (WO2017/103035)
[30] US (62/269,767) 2015-12-18

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[25] EN
[54] **METHODS TO CREATE CHEMICALLY-INDUCED DIMERIZING PROTEIN SYSTEMS FOR REGULATION OF CELLULAR EVENTS**
[54] **METHODES POUR CREER DES SYSTEMES DE PROTEINES DE DIMERISATION INDUITE CHIMIQUEMENT POUR LA REGULATION D'EVENEMENTS CELLULAIRES**
[72] AMIN, RUPESH, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2018-04-20
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[54] **WIND TURBINE ROTOR BLADE AND WIND TURBINE**
[54] **PALE DE ROTOR D'EOLIENNE ET EOLIENNE**
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[71] WOBBEN PROPERTIES GMBH, DE
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[25] EN
[54] **WINDER UNIT FOR VEHICLE GLAZING PANEL CUT OUT**
[54] **UNITE D'ENROULEUR POUR COUPE DE PANNEAU DE VITRAGE DE VEHICULE**
[72] FINCK, WILLIAM, CH
[71] BELRON INTERNATIONAL LIMITED, GB
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[25] EN
[54] **SYNTHESIS OF SUPERPOSITION SHAPE IMAGES BY LIGHT INTERACTING WITH SUPERPOSED LAYERS OF LENSLET GRATINGS**
[54] **SYNTHESE D'IMAGES DE FORME PAR SUPERPOSITION PAR INTERACTION DE LA LUMIERE AVEC DES COUCHES SUPERPOSEES DE RESEAUX DE MICRO-LENTILLES**
[72] HERSCH, ROGER DAVID, CH
[72] WALGER, THOMAS, FR
[72] FLAURAUD, VALENTIN, CH
[72] BRUGGER, JUERGEN, CH
[72] BESSON, THEOPHANE, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
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[25] EN
[54] **HETEROCYCLIC PDK1 INHIBITORS FOR USE TO TREAT CANCER**
[54] **INHIBITEURS DE PDK1 HETEROCYCLIQUES DESTINES A ETRE UTILISES POUR TRAITER LE CANCER**
[72] HANSEN, STIG K., US
[72] BINNERTS, MINKE E., US
[71] SUNESIS PHARMACEUTICALS, INC., US
[85] 2018-04-20
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[54] **ENGINE ASSEMBLY STAND**
[54] **PORTIQUE D'ASSEMBLAGE DE MOTEUR**
[72] BAUCHER, STEPHANE ANDRE, FR
[72] BERTHE, ERIC, FR
[72] GUINOT, CLEMENT PAUL CLAUDE, FR
[72] MARTINS, MANUEL DANIEL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[51] **Int.Cl. H04B 7/06 (2006.01) H04B 17/10 (2015.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING EQUIVALENT ISOTROPIC RADIATED POWER**
[54] **PROCEDE ET APPAREIL DE CONTROLE DE LA PUISSANCE ISOTROPE RAYONNEE EQUIVALENTE**
[72] STRONG, PETER, GB
[71] CAMBIUM NETWORKS LTD, GB
[85] 2018-04-20
[86] 2016-10-21 (PCT/GB2016/053285)
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[25] EN
[54] **PROCESS OF MAKING OLEFINS OR ALKYLATE BY REACTION OF METHANOL AND/OR DME OR BY REACTION OF METHANOL AND/OR DME AND BUTANE**
[54] **PROCEDE DE PRODUCTION D'OLEFINES OU D'ALKYLATE PAR REACTION DE METHANOL ET/OU DE DME OU PAR REACTION DE METHANOL ET/OU DE DME ET DE BUTANE**
[72] MUKHERJEE, MITRAJIT, US
[72] VADHRI, VAMSI M., US
[72] JOSHI, NARENDRA, US
[71] EXELUS INC., US
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[25] EN
[54] **AUTOMATED FAULT DIAGNOSIS AND RECOVERY OF MACHINES**
[54] **DIAGNOSTIC DE PANNE AUTOMATISE ET RECUPERATION AUTOMATISEE DE MACHINES**
[72] GUPTA, AKASH, IN
[72] KOHLI, SAMAY, IN
[72] HOELTGEN, WOLFGANG KURT, DE
[72] KEJRIWAL, GAURAV, IN
[71] GREYORANGE PTE LTD., SG
[71] GUPTA, AKASH, IN
[85] 2018-04-23
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[54] **NUCLEIC ACID VACCINES FOR VARICELLA ZOSTER VIRUS (VZV)**
[54] **VACCINS A BASE D'ACIDE NUCLEIQUE CONTRE LE VIRUS VARICELLE-ZONA (VZV)**
[72] CIARAMELLA, GIUSEPPE, US
[71] MODERNATX, INC., US
[85] 2018-04-20
[86] 2016-10-21 (PCT/US2016/058297)
[87] (WO2017/070601)
[30] US (62/245,031) 2015-10-22
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[25] EN
[54] **METHOD FOR RECOVERING GOLD**
[54] **PROCEDE DE RECUPERATION D'OR**
[72] LUNDSTROM, MARI, FI
[72] AHTIAINEN, RIINA, FI
[72] O'CALLAGHAN, JOHN, AU
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-04-23
[86] 2016-10-27 (PCT/FI2016/050752)
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[25] FR
[54] **ACRYLIC COPOLYMER, WHICH IS HYDROPHOBIC, CROSS-LINKED AND BASED ON CINNAMIC ALCOHOL, FOR INTRAOCULAR LENSES**
[54] **COPOLYMERE ACRYLIQUE, HYDROPHOBE, RETICULE, A BASE D'ALCOOL CINNAMIQUE, POUR LENTILLES INTRAOCULAIRES**
[72] TERRISSE, JEAN, FR
[71] ACRYLIAN, FR
[85] 2018-04-23
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[87] (WO2017/081425)
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[25] EN
[54] **PLASMINOGEN REPLACEMENT THERAPY FOR PLASMINOGEN-DEFICIENCY**
[54] **THERAPIE DE SUBSTITUTION DE PLASMINOGENE DESTINEE AU DEFICIT EN PLASMINOGENE**
[72] ROBITAILLE, MARTIN, CA
[72] THIBAUDEAU, KAREN, CA
[72] LAURIN, PIERRE, CA
[72] PLUM, STACY, US
[71] PROMETIC BIOTHERAPEUTICS, INC., US
[85] 2018-04-23
[86] 2016-11-03 (PCT/IB2016/001599)
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[30] US (62/250,235) 2015-11-03

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[25] EN
[54] **GASTRIC RESIDENCE SYSTEMS FOR SUSTAINED RELEASE OF THERAPEUTIC AGENTS AND METHODS OF USE THEREOF**
[54] **SYSTEMES A DEMEURE GASTRIQUES POUR LIBERATION PROLONGEE D'AGENTS THERAPEUTIQUES ET LEURS PROCEDES D'UTILISATION**
[72] KANASTY, ROSEMARY, US
[72] BELLINGER, ANDREW, US
[72] GARDNER, COLIN, US
[72] GRANT, TYLER, US
[72] SINGH, SAUMYA, US
[71] LYNDRA, INC., US
[85] 2018-04-20
[86] 2016-10-21 (PCT/US2016/058309)
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[30] US (62/245,797) 2015-10-23
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[25] EN
[54] **METHOD OF MANAGING RESOURCES IN A WAREHOUSE**
[54] **PROCEDE DE GESTION DE RESSOURCES DANS UN ENTREPOT**
[72] GUPTA, AKASH, IN
[72] KOHLI, SAMAY, IN
[72] HOELTGEN, WOLFGANG KURT, DE
[72] CHOUDHARY, SRIJAN, IN
[71] GREY ORANGE PTE LTD., SG
[85] 2018-04-23
[86] 2016-10-24 (PCT/IB2016/001607)
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[25] EN
[54] **METHOD AND SYSTEM FOR INTERACTING WITH MEDICAL INFORMATION**
[54] **PROCEDE ET SYSTEME D'INTERACTION AVEC DE L'INFORMATION MEDICALE**
[72] PORWAL, ANSHUL, CA
[72] SAXENA, PRANAV, CA
[72] ZIRAKNEJAD, NIMA, CA
[71] NZ TECHNOLOGIES INC., CA
[85] 2018-04-23
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[30] US (62/260,428) 2015-11-27

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[25] EN
[54] **PREPARATION OF RETINAL PIGMENT EPITHELIUM CELLS**
[54] **PREPARATION DE CELLULES DE L'EPITHELIUM PIGMENTAIRE RETINIEN**
[72] REUBINOFF, BENJAMIN EITHAN, IL
[72] SINGER, ORNA, IL
[72] BOHANA-KASHTAN, OSNAT, IL
[72] WISER, OFER, IL
[71] CELL CURE NEUROSCIENCES LTD., IL
[71] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD., IL
[85] 2018-04-23
[86] 2016-10-26 (PCT/IL2016/051155)
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[30] US (62/246,214) 2015-10-26

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[51] **Int.Cl. C07D 213/76 (2006.01) C07D 239/69 (2006.01) C07D 277/52 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING DIMETHOXYBENZYL GROUP**
[54] **PROCEDE D'ELIMINATION D'UN GROUPE DIMETHOXYBENZYLE**
[72] KADOTA, KOHEI, JP
[72] UEDA, TSUYOSHI, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2018-04-23
[86] 2016-11-04 (PCT/JP2016/082752)
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[25] EN
[54] **A GUIDE FOR A LIFTABLE SLIDING LEAF**
[54] **GUIDE POUR UN VANTAIL COULISSANT A LEVAGE**
[72] BALBO DI VINADIO, AIMONE, IT
[72] BELLEI, ANTONIO, IT
[71] SAVIO S.P.A., IT
[85] 2018-04-23
[86] 2016-10-24 (PCT/IB2016/056375)
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[30] IT (102015000064782) 2015-10-23
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[25] EN
[54] **HUMAN CYTOMEGALOVIRUS VACCINE**
[54] **VACCIN CONTRE LE CYTOMEGALOVIRUS HUMAIN**
[72] CIARAMELLA, GIUSEPPE, US
[72] JOHN, SHINU, US
[72] MOUSAVI, KAMBIZ, US
[71] MODERNATX, INC., US
[85] 2018-04-20
[86] 2016-10-21 (PCT/US2016/058310)
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[30] US (62/245,031) 2015-10-22
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[54] **CONNECTEUR MULTIVOIE**
[72] PIROMALLI, MARCO, IT
[71] LINK S.R.L., IT
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[86] 2016-10-24 (PCT/IT2016/000249)
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[30] IT (102015000064971) 2015-10-23

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[25] EN
[54] **ANALOGS OF CELASTROL**
[54] **ANALOGUES DE CELASTROL**
[72] MAZITSCHEK, RALPH, US
[72] DING, YANBING, CA
[72] SHEN, KAISHENG, CN
[71] ERX PHARMACEUTICALS, INC., US
[85] 2018-04-20
[86] 2016-10-21 (PCT/US2016/058313)
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[51] **Int.Cl. B03C 1/18 (2006.01) B03C 1/00 (2006.01) B03C 1/22 (2006.01)**
[25] EN
[54] **MAGNETIC SEPARATOR, MAGNETIC SEPARATION METHOD, AND IRON SOURCE MANUFACTURING METHOD**
[54] **SEPARATEUR MAGNETIQUE, PROCEDE DE SEPARATION MAGNETIQUE ET PROCEDE DE FABRICATION DE SOURCE DE FER**
[72] ISHIDA, KYOHEI, JP
[72] TAKAKI, YUKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-04-23
[86] 2016-11-30 (PCT/JP2016/085631)
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[30] JP (PCT/JP2015/005947) 2015-11-30

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[25] EN
[54] **PYRANODIPYRIDINE COMPOUND**
[54] **COMPOSE DE PYRANODIPYRIDINE**
[72] KUROKAWA, TOSHIKI, JP
[72] YOSHIDA, YU, JP
[72] SHIN, KOGYOKU, JP
[72] KOBAYASHI, YOSHIHISA, JP
[72] FUKUMOTO, HIRONORI, JP
[72] TAKEDA, KUNITOSHI, JP
[72] OHASHI, YOSHIAKI, JP
[72] KOTAKE, MAKOTO, JP
[72] SHIBUGUCHI, TOMOYUKI, JP
[72] WATANABE, TORU, JP
[72] KITA, YOICHI, JP
[72] HIROTA, SHINSUKE, JP
[72] FUKUYAMA, TAKASHI, JP
[72] KAMADA, YASUAKI, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2018-04-23
[86] 2016-11-09 (PCT/JP2016/083211)
[87] (WO2017/082288)
[30] JP (2015-222805) 2015-11-13

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[51] **Int.Cl. A61K 31/4196 (2006.01) A61K 9/00 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61K 31/553 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DOSAGE REGIMEN FOR A PHOSPHATIDYLINOSITOL 3-KINASE INHIBITOR**
[54] **SCHEMA POSOLOGIQUE POUR UN INHIBITEUR DE LA PHOSPHATIDYLINOSITOL 3-KINASE**
[72] SCHNELL, CHRISTIAN, CH
[72] FRITSCH, CHRISTINE, CH
[72] DI TOMASO, EMMANUELLE, US
[72] MASSACESI, CRISTIAN, FR
[72] BLUMENSTEIN, LARS, CH
[71] NOVARTIS AG, CH
[85] 2018-04-23
[86] 2016-10-31 (PCT/IB2016/056556)
[87] (WO2017/077445)
[30] US (62/249,543) 2015-11-02
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[51] **Int.Cl. G01N 21/66 (2006.01) G01N 21/00 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING AND TREATING BIOLOGICAL MATERIALS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'IDENTIFIER ET DE TRAITER DES MATERIELS BIOLOGIQUES**
[72] SCHNEIDERMAN, JACOB, IL
[72] COHEN, MOSHIK, IL
[71] SCHNEIDERMAN, JACOB, IL
[71] COHEN, MOSHIK, IL
[85] 2018-04-23
[86] 2016-10-20 (PCT/IL2016/051137)
[87] (WO2017/068586)
[30] US (62/244,756) 2015-10-22

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[51] **Int.Cl. C07K 7/00 (2006.01) A61K 49/00 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **INTEGRIN BINDING PEPTIDES AND USES THEREOF**
[54] **PEPTIDES DE LIAISON A L'INTEGRINE ET LEURS UTILISATIONS**
[72] PRAKASH, JAI, NL
[71] UNIVERSITEIT TWENTE, NL
[71] PRAKASH, JAI, NL
[85] 2018-04-23
[86] 2016-10-21 (PCT/NL2016/050725)
[87] (WO2017/069627)
[30] EP (15191256.5) 2015-10-23

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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **BINDING MOLECULES THAT INHIBIT CANCER GROWTH**
[54] **MOLECULES DE LIAISON INHIBANT LA CROISSANCE DE CANCER**
[72] THROSBY, MARK, NL
[72] LOGTENBERG, TON, NL
[72] CLEVERS, JOHANNES CAROLUS, NL
[72] VRIES, ROBERT GERHARDUS JACOB, NL
[72] BATLLE, EDUARD, ES
[72] HERPERS, BRAM, NL
[71] KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN, NL
[71] MERUS N.V., NL
[71] OCELLO B.V., NL
[71] INSTITUTE FOR RESEARCH IN BIOMEDICINE (IRB BARCELONA), ES
[71] INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, ES
[85] 2018-04-23
[86] 2016-10-21 (PCT/NL2016/050726)
[87] (WO2017/069628)
[30] EP (15191343.1) 2015-10-23
[30] EP (16168647.2) 2016-05-06

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[51] **Int.Cl. B01D 3/38 (2006.01) E21B 21/01 (2006.01)**
[25] EN
[54] **A METHOD FOR THERMAL SEPARATION OF NON-POLAR ORGANIC COMPOUNDS FROM A MATERIAL BY STEAM DISTILLATION**
[54] **PROCEDE DE SEPARATION THERMIQUE DE COMPOSES ORGANIQUES NON POLAIRES D'UN MATERIAU PAR DISTILLATION PAR ENTRAINEMENT A LA VAPEUR**
[72] KELLER, STIG OVAR, NO
[71] NORWEGIAN TECHNOLOGY AS, NO
[85] 2018-04-23
[86] 2016-10-26 (PCT/NO2016/050211)
[87] (WO2017/074197)
[30] NO (20151452) 2015-10-26

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[51] **Int.Cl. H03F 3/60 (2006.01) H03F 1/32 (2006.01) H03F 3/19 (2006.01) H03F 3/24 (2006.01)**
[25] EN
[54] **AN AMPLIFIER CIRCUIT FOR COMPENSATING AN OUTPUT SIGNAL FROM A CIRCUIT**
[54] **CIRCUIT AMPLIFICATEUR DESTINE A COMPENSER UN SIGNAL DE SORTIE PROVENANT D'UN CIRCUIT**
[72] HELLBERG, RICHARD, SE
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[54] **SYSTEME D'AFFUTAGE DE LAME DE PATIN**
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[72] BEAUDET, DANIEL A., US
[72] GORYACHEV, IVAN D., US
[72] HANCZOR, MATT, US
[72] BOLTON, CLIVE, US
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[54] **PROCEDES ET DISPOSITIFS DE MODELISATION DE L'□IL**
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[72] SEO, JEONGYUN, US
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[54] **QUANTIFICATION DE PROTEINE DANS DES ECHANTILLONS DE TISSU MULTICELLULAIRE**
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[54] **MACHINE ET PROCEDE DE FORMATION D'ARTICLES**
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[71] THERMWOOD CORPORATION, US
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[71] DR. PY INSTITUTE LLC, US
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[54] **ADAPTATEUR DE CATHETER FOURNISSANT UNE RESISTANCE A L'ENTORTILLEMENT**
[72] BURKHOLZ, JONATHAN KARL, US
[72] ATKIN, TROY, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **ADAPTATEUR DE CATHETER A COURBURE DE DIAMETRE INTERIEUR DISTAL FOURNISSANT UNE RESISTANCE A L'ENTORTILLEMENT**
[72] BURKHOLZ, JONATHAN KARL, US
[72] O'BRYAN, JEFFREY C., US
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[54] **BENNE DE CAMION-CITERNE A EAU A ACCES OUVERT**
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[72] AKKARAJU, PREM, US
[72] VANZINI, GIORGIO, US
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[54] **BOBINE ET STIMULATEUR MAGNETIQUE UTILISANT CELLE-CI**
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[72] YAMAMOTO, KEITA, JP
[72] KAWASAKI, YUTA, JP
[71] THE UNIVERSITY OF TOKYO, JP
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[54] **LABEL SHEET ASSEMBLY WITH IMPROVED PRINTER FEEDING**
[54] **ENSEMBLE FEUILLE D'ETIQUETTES AVEC ENTRAINEMENT AMELIORE DANS UNE IMPRIMANTE**
[72] LI, STEPHEN, US
[72] UTZ, MARTIN, DE
[71] CCL LABEL, INC., US
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[54] **VECTEURS DU SEROTYPE DE VIRUS ADENO-ASSOCIES CIBLANT LA PROSTATE**
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[72] AI, JIANZHONG, US
[72] LI, HONG, US
[72] WEI, QIANG, US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING METABOLIC IMBALANCE IN NEURODEGENERATIVE DISEASE**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DU DESEQUILIBRE METABOLIQUE DANS UNE MALADIE NEURODEGENERATIVE**
[72] GAO, GUANGPING, US
[72] GESSLER, DOMINIC, US
[71] UNIVERSITY OF MASSACHUSETTS, US
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[54] **FLUIDE DE REMPLISSAGE POUR DISPOSITIFS FLUIDIQUES**
[72] VON HATTEN, XAVIER, US
[72] PERBOST, MICHEL, US
[72] HUANG, HENG, US
[72] LEE, NICOLE, US
[72] LAM, VICKY V., US
[72] JUAN, NILDA, US
[72] MERKEL, TIMOTHY, US
[72] BEIERLE, JOHN M., US
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[54] **CHIMERIC RECEPTORS CONTAINING TRAF-INDUCING DOMAINS AND RELATED COMPOSITIONS AND METHODS**
[54] **RECEPTEURS CHIMERIQUES CONTENANT DES DOMAINES INDUISANT TRAF, ET COMPOSITIONS ET METHODES ASSOCIEES**
[72] THOMPSON, LUCAS JAMES, US
[72] ODEGARD, VALERIE, US
[72] SATHER, BLYTHE, US
[72] BRAHMANDAM, ARCHANA, US
[71] JUNO THERAPEUTICS, INC., US
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[54] **PROTEINES INSECTICIDES ET LEURS PROCEDES D'UTILISATION**
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[72] LUM, AMY, US
[72] ORAL, JARRED KENNETH, US
[72] PEREZ-ORTEGA, CLAUDIA, US
[72] ROSEN, BARBARA ANN MARIE, US
[72] SCHELLENBERGER, UTE, US
[72] WEI, JUN-ZHI, US
[72] XIE, WEIPING, US
[72] ZHONG, XIAOHONG, US
[72] ZHU, GENHAI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[25] EN
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[54] **NICOTINAMIDE A UTILISER DANS LE TRAITEMENT ET LA PREVENTION D'UN TROUBLE NEURODEGENERATIF OCULAIRE (PAR EXEMPLE, UN GLAUCOME)**
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[72] JOHN, SIMON W. M., US
[71] THE JACKSON LABORATORY, US
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[54] **ENSEMBLE DE FILTRES AYANT UNE LUMIERE FOCALISEE PARASITE REDUITE**
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[72] DOWNING, KEVIN R., US
[71] MATERION CORPORATION, US
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[54] **SONDES ET PROCEDES POUR POLYMERES LIGNOCELLULOSIQUES**
[72] BEAUREGARD, MARC, CA
[72] MEDDEB-MOUELHI, FATMA, CA
[72] HEBERT-OUELLET, YANNICK, CA
[72] JANSE, BERNARD, US
[72] MACDONALD, KEVIN J., US
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
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[54] **SYSTEM FOR IMPROVED REMOTE PROCESSING AND INTERACTION WITH ARTIFICIAL SURVEY ADMINISTRATOR**
[54] **SYSTEME DE TRAITEMENT A DISTANCE ET D'INTERACTION AMELIORES AVEC UN ADMINISTRATEUR D'ETUDE ARTIFICIEL**
[72] WILLIAMS, KURTIS, US
[72] CROFTS, JOHN, US
[71] INMOMENT, INC., US
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[54] **DISPOSITIF ET PROCEDE DE THERAPIE DE PLAIE**
[72] DONDA, RUSSELL S., US
[72] MANICKAM, SUNDAR, US
[72] MIDDAUGH, RICHARD L., US
[72] LASH, THOMAS E., US
[72] WOJCIECHOWSKI, TIMOTHY, US
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[54] **PROCEDES ET APPAREIL POUR CORRIGER DES SIGNAUX DE CAPTEUR A DISTANCE**
[72] WITTKOP, ADAM JOSEPH, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[71] NEOPOST TECHNOLOGIES, FR
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[54] **USTENSILE DE CUISINE INCURVE**
[72] DUFFEY, KIYAH, US
[71] KIZINGO, LLC., US
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[54] **SPIRONOLACTONE AQUEOUS COMPOSITIONS**
[54] **COMPOSITIONS AQUEUSES DE SPIRONOLACTONE**
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[72] DEHART, MICHAEL PAUL, US
[71] CMP DEVELOPMENT LLC, US
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[54] **PROCEDES DE PRODUCTION DE MICROPARTICULES ET D'HYDROGELS POREUX UTILISANT LA MICROFLUIDIQUE**
[72] OAKEY, JOHN, US
[72] KRUTKRAMELIS, KASPARS, US
[72] XIA, BINGZHAO, AU
[71] UNIVERSITY OF WYOMING, US
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[54] **HIGHLY POTENT ANTIBODIES BINDING TO DEATH RECEPTOR 4 AND DEATH RECEPTOR 5**
[54] **ANTICORPS HAUTEMENT PUISSANTS SE LIANT AU RECEPTEUR DE MORT 4 ET AU RECEPTEUR DE MORT 5**
[72] KIM, KYUNG JIN, US
[72] PARK, HANGIL, US
[72] WANG, LIHONG, US
[72] DING, YI, US
[72] ZHANG, APRIL, US
[72] VASQUEZ, MAXIMILIANO, US
[71] GALAXY BIOTECH, LLC, US
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[54] **SYSTEM FOR AND METHOD OF COMMUNICATING BARCODE INFORMATION USING A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION D'INFORMATIONS DE CODE A BARRES A L'AIDE D'UN DISPOSITIF MOBILE**
[72] RAJU, VENKATESH, US
[71] SAMSUNG PAY, INC., US
[85] 2018-04-23
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[25] EN
[54] **PROCESS FOR MANUFACTURING A CONVEYOR BELT**
[54] **PROCEDE DE FABRICATION DE BANDE TRANSPORTEUSE**
[72] MAGUIRE, DAVID J., US
[72] SI, MAYU, US
[72] PERO, GREGORY, US
[71] CONTITECH TRANSPORTBANDSYSTEME GMBH, DE
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[54] **STEERING ASSEMBLIES FOR MEDICAL DEVICES, AND METHODS OF USE**
[54] **ENSEMBLES DE DIRECTION POUR DISPOSITIFS MEDICAUX ET PROCEDES D'UTILISATION**
[72] LEPAK, JONAH, US
[72] SAUL, TOM, US
[72] CONROY, MICHAEL, US
[71] SHIFAMED HOLDINGS, LLC, US
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[54] **MATIERES DE PROJECTION A L'ARC A DEUX FILS A OXYDATION CONTROLEE**
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[72] JIANG, DAVID, US
[71] SCOPERTA, INC., US
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[54] **PUNCH FOOT FOR A LABEL PUNCH, AND DEVICE AND METHOD FOR LABELING INDIVIDUAL PACKS**
[54] **PIED DE TAMPON POUR UN TAMPON D'ETIQUETAGE ET DISPOSITIF ET PROCEDE D'ETIQUETAGE**
[72] KORTHAUER, MARCUS, DE
[72] VICKTORIUS, WINFRIED, DE
[72] WOLFF, PETER, DE
[72] DIPPE, RALF, DE
[71] ESPERA-WERKE GMBH, DE
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[54] **APPAREIL POUR STOCKER DES MATIERES ORGANIQUE**
[72] STAUGHTON, SIMON, AU
[71] FELTRIM PASTORAL COMPANY PTY LTD, AU
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[54] **METHOD AND SYSTEM FOR CONTROLLING SOFTWARE RISKS FOR SOFTWARE DEVELOPMENT**
[54] **PROCEDE ET SYSTEME DE COMMANDE DES RISQUES LOGICIELS POUR LE DEVELOPPEMENT DE LOGICIEL**
[72] JACKSON, WAYNE, US
[72] HANSEN, MICHAEL, US
[72] FOX, BRIAN, US
[72] WHITEHOUSE, JAIME, US
[72] DILLON, JASON, US
[71] SONATYPE, INC., US
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[54] **NOVEL LIPIDS AND LIPID NANOPARTICLE FORMULATIONS FOR DELIVERY OF NUCLEIC ACIDS**
[54] **NOUVEAUX LIPIDES ET NOUVELLES FORMULATIONS DE NANOPARTICULES DE LIPIDES POUR L'ADMINISTRATION D'ACIDES NUCLEIQUES**
[72] ANSELL, STEVEN M., CA
[72] DU, XINYAO, CA
[71] ACUITAS THERAPEUTICS, INC., CA
[85] 2018-04-23
[86] 2016-10-28 (PCT/US2016/059575)
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[54] **AN AEROSOL-GENERATING SYSTEM COMPRISING A VIBRATABLE ELEMENT**
[54] **SYSTEME DE GENERATION D'AEROSOL COMPRENANT UN ELEMENT POUVANT ETRE MIS EN VIBRATION**
[72] ZUBER, GERARD, CH
[72] BONNELY, SAMUEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-04-24
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[54] **APPARATUS AND METHODS FOR SUPPORT TRACK AND POWER RAIL SWITCHING IN A BODY WEIGHT SUPPORT SYSTEM**
[54] **APPAREIL ET PROCEDES DE COMMUTATION DE RAIL D'ALIMENTATION ET DE VOIE DE SUPPORT DANS UN SYSTEME DE SUPPORT DE POIDS CORPOREL**
[72] GLUKHOVSKY, ARKADY, US
[72] CUSHMAN, TODD, US
[72] SMITH, AUGUSTINE, US
[71] BIONESS INC., US
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[54] **SYSTEMS AND METHODS FOR DATA CAPTURE IN AN OPERATING ROOM**
[54] **SYSTEMES ET PROCEDES POUR CAPTURE DE DONNEES DANS UNE SALLE D'OPERATION**
[72] GOREK, JOSEF E., US
[72] TRAUNER, KENNETH B., US
[72] RIMER, DOUGLAS G., US
[71] SHARP FLUIDICS LLC, US
[85] 2018-04-23
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[25] EN
[54] **COMPOSITION COMPRISING AN OXIDOREDUCTASE ENZYME AND ITS ANTIBACTERIAL USE**
[54] **COMPOSITION COMPRENANT UNE ENZYME OXYDOREDUCTASE ET SON UTILISATION ANTIBACTERIENNE**
[72] BOURDILLON, KATIE, GB
[72] WESTMORELAND, MATTHEW, GB
[72] REGAN, SOPHIE, GB
[71] SYSTAGENIX WOUND MANAGEMENT, LIMITED, GB
[85] 2018-04-24
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[25] EN
[54] **MULTIMODE ION MIRROR PRISM AND ENERGY FILTERING APPARATUS AND SYSTEM FOR TIME-OF-FLIGHT MASS SPECTROMETRY**
[54] **PRISME A MIROIR IONIQUE MULTIMODE ET APPAREIL DE FILTRATION D'ENERGIE ET SYSTEME POUR SPECTROMETRIE DE MASSE (SM) A TEMPS DE VOL (TOF)**
[72] HANLEY, LUKE, US
[72] VERYOVKIN, IGOR VLADIMIROVICH, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2018-04-23
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[54] **SYSTEM AND METHOD FOR DETERMINING COMMON SUBSEQUENCES**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE SOUS-SEQUENCES COMMUNES**
[72] TERNENT, CHAD, CA
[72] REDFERN, DARREN, CA
[71] INTELLIRESPONSE SYSTEMS INC., CA
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[25] EN
[54] **POLYURETHANE/UREA MATERIALS**
[54] **MATERIAUX DE POLYURETHANNE/UREE**
[72] GUNATILLAKE, PATHIRAJA ARACHCHILLAGE, AU
[72] BOWN, MARK, AU
[72] ADHIKARI, RAJU, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[25] EN
[54] **COMPOSITION COMPRISING A SAFENER, A FUNGICIDE AND METALAXYL**
[54] **COMPOSITION CONTENANT UN PHYTO-PROTECTEUR, UN FONGICIDE ET DU METALAXYL**
[72] SAWADA, HARUKO, DE
[72] PATZER, KELLY, CA
[72] POISSON, DONALD, CA
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **SYSTEMS AND METHODS FOR INCREASED OPERATING ROOM EFFICIENCY**
[54] **SYSTEMES ET PROCEDES POUR UNE MEILLEURE EFFICACITE DE SALLE D'OPERATION**
[72] GOREK, JOSEF E., US
[72] TRAUNER, KENNETH B., US
[72] RIMER, DOUGLAS G., US
[71] SHARP FLUIDICS LLC, US
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[25] EN
[54] **METHODS AND APPARATUS FOR PROCESSING AND DISPENSING MATERIAL DURING ADDITIVE MANUFACTURING**
[54] **PROCEDES ET APPAREIL DE TRAITEMENT ET DE DISTRIBUTION D'UN MATERIAU PENDANT LA FABRICATION ADDITIVE**
[72] SUSNJARA, KENNETH J., US
[72] VOTE, NICOLAS, US
[72] GAESSER, ROBERT, US
[72] VAAL, SCOTT G., US
[71] THERMWOOD CORPORATION, US
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[54] **MONITORING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE**
[72] WANG, LEI, CN
[72] LI, BO, CN
[72] CHEN, JIFEI, CN
[72] HUO, ZHIQIANG, CN
[72] LIU, ZHIQIANG, CN
[71] SHANGHAI EAGLE SAFETY EQUIPMENT LTD., CN
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[54] **COMPOSITIONS AND METHODS FOR HEALING WOUNDS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT UNE CICATRISATION**
[72] SUMITRAN-HOLGERSSON, SUCHITRA, SE
[71] VERIGRAFT AB, SE
[85] 2018-04-24
[86] 2016-10-28 (PCT/EP2016/076178)
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[25] EN
[54] **A METHOD FOR MANUFACTURING A MEMBRANE ASSEMBLY**
[54] **PROCEDE DE FABRICATION D'UN ENSEMBLE MEMBRANE**
[72] OOSTERHOFF, SICCO, NL
[72] JANSSEN, PAUL, NL
[72] VERBRUGGE, BEATRIJS LOUISE MARIE-JOSEPH KATRIEN, NL
[71] ASML NETHERLANDS B.V., NL
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[54] **METHODS AND DEVICES FOR BROADCASTING SYSTEM INFORMATION ON DEMAND**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE DIFFUSER DES INFORMATIONS SYSTEME SUR DEMANDE**
[72] LI, GEN, CN
[72] WANG, HAI, CN
[72] WANG, JIANFENG, CN
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **OUTIL DE BROYAGE ROTATIF**
[72] JOHNSON, ASHLEY BERNARD, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[25] FR
[54] **COOKING METHOD FOR ELECTRICAL COOKING APPARATUS WITH STIRRING MEANS**
[54] **PROCEDE DE CUISSON POUR APPAREIL ELECTRIQUE DE CUISSON AVEC MOYEN DE REMUAGE**
[72] DELRUE, OLIVIER, FR
[72] LETAIN, FRANCOIS, FR
[72] PETIT, MICHEL, FR
[71] SEB S.A., FR
[85] 2018-04-24
[86] 2016-11-10 (PCT/FR2016/052922)
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[51] **Int.Cl. H04S 7/00 (2006.01) H04R 3/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING A FILTERED AUDIO SIGNAL REALIZING ELEVATION RENDERING**
[54] **APPAREIL ET PROCEDE POUR GENERER UN SIGNAL AUDIO FILTRE EXECUTANT UNE RESTITUTION D'ELEVATION**
[72] KARAPETYAN, ALEKSANDR, DE
[72] PLOGSTIES, JAN, DE
[72] FLEISCHMANN, FELIX, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **TREATMENT OF HEPATIC STEATOSIS RELATED OLIGO-OVULATION**
[54] **TRAITEMENT DE L'OLIGO-OVULATION ASSOCIEE A LA STEATOSE HEPATIQUE**
[72] IBANEZ, LOURDES, ES
[72] DE ZEGHER, FRANCIS, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[71] HOSPITAL SANT JOAN DE DEU, ES
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[54] **EXPANSION OF NON-HAEMATOPOIETIC TISSUE-RESIDENT .GAMMA.DELTA. T CELLS AND USES OF THESE CELLS**
[54] **MULTIPLICATION DE CELLULES T G? RESIDENTES DES TISSUS NON HEMATOPOIETIQUES ET UTILISATIONS DE CES CELLULES**
[72] HAYDAY, ADRIAN, GB
[72] NUSSBAUMER, OLIVER, GB
[72] WOOLF, RICHARD, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[71] KING'S COLLEGE LONDON, GB
[71] THE FRANCIS CRICK INSTITUTE LIMITED, GB
[85] 2018-04-24
[86] 2016-10-31 (PCT/EP2016/076264)
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[25] EN
[54] **DEXTRAN-POLY ALPHA-1,3-GLUCAN GRAFT COPOLYMERS AND SYNTHESIS METHODS THEREOF**
[54] **COPOLYMERES GREFFES DE DEXTRAN-POLY (ALPHA -1,3-GLUCANE) ET LEURS PROCEDES DE SYNTHESE**
[72] BEHABTU, NATNAEL, US
[72] ARTHUR, SAMUEL DAVID, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-04-23
[86] 2016-11-04 (PCT/US2016/060579)
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[25] FR
[54] **TYRE HAVING IMPROVED WEAR PROPERTIES**
[54] **PNEUMATIQUE PRESENTANT DES PROPRIETES D'USURE AMELIOREES**
[72] GERVAIS, PHILIPPE, FR
[72] GODEAU, GILLES, FR
[72] QUANTINET, BENJAMIN, FR
[72] ZIVKOVIC, TONY, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[25] EN
[54] **IMPROVED BINDER COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE LIANT AMELIOREES ET LEURS UTILISATIONS**
[72] HAMPSON, CARL, GB
[72] KHAN, FERDOUS, GB
[71] KNAUF INSULATION SPRL, BE
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[30] GB (1519187.7) 2015-10-30

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[25] FR
[54] **TYRE HAVING IMPROVED WEAR PROPERTIES**
[54] **PNEUMATIQUE PRESENTANT DES PROPRIETES D'USURE AMELIOREES**
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[72] GODEAU, GILLES, FR
[72] QUANTINET, BENJAMIN, FR
[72] ZIVKOVIC, TONY, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[25] EN
[54] **NOVEL CRYPTOPHYCIN COMPOUNDS AND CONJUGATES, THEIR PREPARATION AND THEIR THERAPEUTIC USE**
[54] **NOUVEAUX COMPOSES ET CONJUGUES DE CRYPTOPHYCINE, LEUR PREPARATION ET LEUR UTILISATION THERAPEUTIQUE**
[72] BIGOT, ANTONY, FR
[72] BOUCHARD, HERVE, FR
[72] BRUN, MARIE-PRISCILLE, FR
[72] CLERC, FRANCOIS, FR
[72] ZHANG, JIDONG, FR
[71] SANOFI, FR
[85] 2018-04-24
[86] 2016-11-03 (PCT/EP2016/076603)
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[25] FR
[54] **TYRE HAVING IMPROVED WEAR PROPERTIES**
[54] **PNEUMATIQUE PRESENTANT DES PROPRIETES D'USURE AMELIOREES**
[72] GERVAIS, PHILIPPE, FR
[72] GODEAU, GILLES, FR
[72] QUANTINET, BENJAMIN, FR
[72] ZIVKOVIC, TONY, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[25] EN
[54] **SELF-LOADING PISTOL WITH SELECTIVE SLIDE LOCK DELAYING THE OPENING MOVEMENT DURING FIRING BUT FACILITATING MANUAL COCKING**
[54] **PISTOLET AUTOMATIQUE A SECURITE DE FERMETURE SELECTIVE RETARDANT LE MOUVEMENT D'OUVERTURE PENDANT LE TIR, MAIS FACILITANT L'ARMEMENT MANUEL**
[72] SHAMRAI, VIKTOR, UA
[71] SHAMRAI, VIKTOR, UA
[85] 2018-04-24
[86] 2016-10-18 (PCT/IB2016/056246)
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[30] CZ (PV 2015-782) 2015-11-05

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[25] EN
[54] **TREATMENT COMPOSITIONS PROVIDING AN ANTIMICROBIAL BENEFIT**
[54] **COMPOSITIONS THERAPEUTIQUES AYANT UN EFFET ANTIMICROBIEN**
[72] BUDHIAN, AVINASH, US
[72] DE SZALAY, SARAH FRANCES, US
[72] GILES, RICHARD, SE
[72] KRUSZEWSKA, ALEKSANDRA, US
[72] MCGOWAN, PAMELA, US
[71] RECKITT BENCKISER LLC, US
[85] 2018-04-24
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[25] FR
[54] **TIRE HAVING IMPROVED WEAR PROPERTIES AND IMPROVED ROLLING RESISTANCE**
[54] **PNEUMATIQUE PRESENTANT DES PROPRIETES D'USURE ET DE RESISTANCE AU ROULEMENT AMELIOREES**
[72] GERVAIS, PHILIPPE, FR
[72] GODEAU, GILLES, FR
[72] QUANTINET, BENJAMIN, FR
[72] ZIVKOVIC, TONY, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-04-24
[86] 2016-12-14 (PCT/FR2016/053381)
[87] (WO2017/103437)
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[25] FR
[54] **TIRE HAVING IMPROVED WEAR AND ROLLING RESISTANCE PROPERTIES**
[54] **PNEUMATIQUE PRESENTANT DES PROPRIETES D'USURE ET DE RESISTANCE AU ROULEMENT AMELIOREES**
[72] GERVAIS, PHILIPPE, FR
[72] GODEAU, GILLES, FR
[72] QUANTINET, BENJAMIN, FR
[72] ZIVKOVIC, TONY, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-04-24
[86] 2016-12-14 (PCT/FR2016/053385)
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[25] EN
[54] **HOMOGENIZED TOBACCO MATERIAL WITH MELTABLE LIPID**
[54] **MATERIAU DE TABAC HOMOGENEISE AVEC LIPIDE FUSIBLE**
[72] DEFOREL, CORINNE, CH
[72] JARRIAULT, MARINE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-04-24
[86] 2016-11-07 (PCT/EP2016/076851)
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[25] EN
[54] **HONEY-CANNABINOID THERAPEUTIC COMPOSITION**
[54] **COMPOSITION THERAPEUTIQUE A BASE DE MIEL ET DE CANNABINOIDE**
[72] EYAL, AHARON M., IL
[71] CANABUZZ-MED, IL
[85] 2018-04-24
[86] 2016-10-27 (PCT/IB2016/056489)
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[25] EN
[54] **VEHICLE CONTROL DEVICE AND VEHICLE CONTROL METHOD**
[54] **DISPOSITIF DE COMMANDE DE VEHICULE ET PROCEDE DE COMMANDE DE VEHICULE**
[72] NISHIHIRO, YOSHIMASA, JP
[72] NAKASAKI, MASAYOSHI, JP
[72] KOBAYASHI, NAOKI, JP
[72] OOTA, YUSUKE, JP
[72] OHSHIO, SHINTARO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-24
[86] 2016-10-18 (PCT/JP2016/080858)
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[25] EN
[54] **PROCESS FOR PREPARING FAT CONTINUOUS EMULSIONS LOW IN FAT**
[54] **PROCEDE DE PREPARATION D'EMULSIONS A PHASE HUILEUSE CONTINUE PAUVRES EN MATIERES GRASSES**
[72] DE MAN, TEUNIS, NL
[72] MEEUSE, FREDERIK MICHIEL, NL
[71] UNILEVER BCS LIMITED, GB
[85] 2018-04-24
[86] 2016-11-08 (PCT/EP2016/076921)
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[25] EN
[54] **METHOD FOR MANUFACTURING AN AUSTENITIC STEEL COMPONENT AND USE OF THE COMPONENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT EN ACIER AUSTENITIQUE ET UTILISATION DE CE ELEMENT**
[72] FROHLICH, THOMAS, DE
[72] LINDNER, STEFAN, DE
[71] OUTOKUMPU OYJ, FI
[85] 2018-04-24
[86] 2016-11-09 (PCT/EP2016/077128)
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[54] **CAPSULE FOR BEVERAGES**
[54] **CAPSULE POUR BOISSONS**
[72] BARTOLI, ANDREA, IT
[72] CAPITINI, DAVIDE, IT
[72] SOLIERI, MATTIA, IT
[71] SARONG SOCIETA' PER AZIONI, IT
[85] 2018-04-24
[86] 2016-11-09 (PCT/IB2016/056742)
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[25] EN
[54] **MODIFIED CELLULOSE FINE FIBERS AND METHOD FOR PRODUCING SAME**
[54] **FIBRES FINES DE CELLULOSE MODIFIEES, ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] LIN, LIANZHEN, JP
[72] MARUTA, AYAKO, JP
[71] KRI, INC., JP
[85] 2018-04-24
[86] 2016-10-27 (PCT/JP2016/081969)
[87] (WO2017/073700)
[30] JP (2015-211193) 2015-10-27

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[51] **Int.Cl. A61K 31/223 (2006.01) A61K 31/573 (2006.01)**
[25] EN
[54] **MELFLUFEN DOSAGE REGIMENS FOR CANCER**
[54] **REGIMES POSOLOGIQUES DE MELFLUFEN POUR LE CANCER**
[72] LINDBERG, JAKOB, SE
[71] ONCOPEPTIDES AB, SE
[85] 2018-04-24
[86] 2016-12-01 (PCT/EP2016/079511)
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[13] A1
[51] **Int.Cl. A61B 5/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ESTIMATING POTENTIAL DISTRIBUTION ON CORTICAL SURFACE**
[54] **PROCEDE ET SYSTEME D'ESTIMATION DE LA DISTRIBUTION DE POTENTIEL SUR UNE SURFACE CORTICALE**
[72] GEVA, AMIR B., IL
[72] SHAVIT, REUVEN, IL
[72] HAOR, DROR, IL
[72] STERN, YAKI, IL
[72] PEREMEN, ZIV, IL
[71] ELMINDA LTD., IL
[71] B.G. NEGEV TECHNOLOGIES & APPLICATIONS LTD., AT BEN-GURION UNIVERSITY, IL
[85] 2018-04-24
[86] 2016-11-01 (PCT/IL2016/051181)
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[25] EN
[54] **RECYCLABLE PACKAGE COMPRISING A FLEXIBLE POUCH**
[54] **EMBALLAGE RECYCLABLE COMPRENANT UNE POCHE SOUPLE**
[72] MOSSER, SARA LYNN, US
[72] RODGERS, MATTHEW BLAKE, US
[71] NESTEC S.A., CH
[85] 2018-04-24
[86] 2017-06-28 (PCT/IB2017/053867)
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[25] EN
[54] **CORE-SHEATH COMPOSITE CROSS-SECTION FIBER HAVING EXCELLENT MOISTURE ABSORBENCY AND WRINKLE PREVENTION**
[54] **FIBRE A SECTION TRANSVERSALE COMPOSITE AME-ENVELOPPE PRESENTANT UNE EXCELLENTE ABSORPTION D'HUMIDITE ET UNE EXCELLENTE PREVENTION DES PLIS**
[72] YOSHIOKA, DAISUKE, JP
[72] TAKAGI, KENTARO, JP
[72] SATO, YOSHIFUMI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-04-24
[86] 2016-11-01 (PCT/JP2016/082368)
[87] (WO2017/082110)
[30] JP (2015-220438) 2015-11-10

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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 31/437 (2006.01)**
[25] EN
[54] **STORAGE STABLE COMPOSITION COMPRISING RIFAXIMIN ALPHA**
[54] **COMPOSITION STABLE AU STOCKAGE COMPRENANT DE LA RIFAXIMINE ALPHA**
[72] SCHWARZ, FRANZ XAVER, AT
[72] PICHLER, ARTHUR, AT
[71] SANDOZ AG, CH
[85] 2018-04-24
[86] 2017-03-22 (PCT/EP2017/056798)
[87] (WO2017/162726)
[30] EP (16162417.6) 2016-03-24

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[51] **Int.Cl. C07K 14/50 (2006.01) A61K 38/18 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **LONG-ACTING FGF21 FUSION PROTEINS AND PHARMACEUTICAL COMPOSITION COMPRISING SAME**
[54] **PROTEINES DE FUSION FGF21 A ACTION PROLONGEE ET COMPOSITION PHARMACEUTIQUE LES COMPRENANT**
[72] KIM, JUN HWAN, KR
[72] LIM, SEYOUNG, KR
[72] SEO, MINJI, KR
[72] CHOI, HYUN HO, KR
[72] KIM, DOHOON, KR
[72] JU, MI KYEONG, KR
[72] PARK, JU-YOUNG, KR
[72] CHOI, BYUNG HYUN, KR
[72] LEE, JUN KYUNG, KR
[72] KIM, JONG GYUN, KR
[72] NAM, SU YOUN, KR
[71] YUHAN CORPORATION, KR
[85] 2018-04-24
[86] 2016-10-28 (PCT/KR2016/012288)
[87] (WO2017/074117)
[30] KR (10-2015-0150574) 2015-10-28

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[25] EN
[54] **SPHERICAL FERTILIZERS AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **ENGRAIS SPHERIQUES ET PROCEDE DE PRODUCTION ASSOCIE**
[72] SOCOLOVSKY, RUBEN, IL
[72] COHEN, OFIR, IL
[72] GEINIK, NATALIA, IL
[72] ABU RABEAH, KHALIL, IL
[71] DEAD SEA WORKS LTD., IL
[85] 2018-04-24
[86] 2017-03-22 (PCT/IL2017/050358)
[87] (WO2017/163246)
[30] US (62/311,699) 2016-03-22

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[25] EN
[54] **RUBBER EXTRACTION METHOD**
[54] **PROCEDE D'EXTRACTION DE CAOUTCHOUC**
[72] VAN DIJK, PETER JOHANNES, NL
[72] MANK, ROLF ANDRE, NL
[71] KEYGENE N.V., NL
[85] 2018-04-24
[86] 2016-11-03 (PCT/NL2016/050763)
[87] (WO2017/078522)
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[25] EN
[54] **SLIDING CABLE SAFETY DEVICE FOR CONDUITS OR SIMILAR EQUIPMENTS SUBJECT TO PRESSURE AND CORRESPONDING INSTALLATION INCLUDING SUCH SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE DE CABLE COULISSANT POUR CONDUITES OU EQUIPEMENTS SIMILAIRES SOUMIS A LA PRESSION ET INSTALLATION CORRESPONDANTE COMPRENANT UN TEL DISPOSITIF DE SECURITE**
[72] GAMBA, DAVIDE, IT
[71] GAMBA, DAVIDE, IT
[85] 2018-04-24
[86] 2016-10-25 (PCT/IT2016/000254)
[87] (WO2017/072806)
[30] IT (102015000065572) 2015-10-27

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[51] **Int.Cl. C07K 14/50 (2006.01) A61K 38/17 (2006.01) A61K 38/18 (2006.01) A61K 38/26 (2006.01) C07K 14/46 (2006.01) C07K 14/605 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **DUAL FUNCTION PROTEINS AND PHARMACEUTICAL COMPOSITION COMPRISING SAME**
[54] **PROTEINES A DOUBLE FONCTION ET COMPOSITION PHARMACEUTIQUE COMPRENANT CES DERNIERES**
[72] KIM, JUN HWAN, KR
[72] LIM, SEYOUNG, KR
[72] SEO, MINJI, KR
[72] CHOI, HYUN HO, KR
[72] KIM, DOHOON, KR
[72] JU, MI KYEONG, KR
[72] PARK, JU-YOUNG, KR
[72] KIM, SEUL GI, KR
[72] LIM, SANGMYOUN, KR
[72] KIM, JONG GYUN, KR
[72] NAM, SU YOUN, KR
[71] YUHAN CORPORATION, KR
[85] 2018-04-24
[86] 2016-10-28 (PCT/KR2016/012300)
[87] (WO2017/074123)
[30] KR (10-2015-0150576) 2015-10-28

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[25] EN
[54] **METHOD AND SYSTEM FOR MOVING KILLED FISH IN A PIPE OR PIPELINE**
[54] **PROCEDE ET SYSTEME POUR DEPLACER DES POISSONS TUES DANS UN TUYAU OU UNE CANALISATION**
[72] KJOLAAS, FRODE HAAKON, NO
[71] SEASIDE AS, NO
[85] 2018-04-24
[86] 2016-10-27 (PCT/NO2016/050212)
[87] (WO2017/074198)
[30] NO (20151469) 2015-10-29

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[51] **Int.Cl. B65D 1/02 (2006.01) B29C 49/46 (2006.01)**
[25] EN
[54] **SYNTHETIC RESIN CONTAINER AND MANUFACTURING METHOD THEREFOR**
[54] **RECIPIENT EN RESINE SYNTHETIQUE ET PROCEDE DE FABRICATION POUR CE DERNIER**
[72] OKUYAMA, YUICHI, JP
[72] SHIMIZU, KAZUHIKO, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2018-04-24
[86] 2016-09-01 (PCT/JP2016/004001)
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[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/427 (2006.01) A61K 31/497 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **SODIUM CHANNEL BLOCKER**
[54] **BLOQUEUR DES CANAUX SODIQUES**
[72] LEE, HYUNG-GEUN, KR
[72] KIM, IL-HWAN, KR
[72] JUNG, MYUNGGI, KR
[72] KIM, HYO SHIN, KR
[72] LEE, CHUN HO, KR
[72] JUN, SUN AH, KR
[72] YOON, JI SUNG, KR
[72] KIM, SUNG-YOUNG, KR
[71] DAEWOONG PHARMACEUTICAL CO., LTD., KR
[85] 2018-04-24
[86] 2016-11-11 (PCT/KR2016/013029)
[87] (WO2017/082688)
[30] KR (10-2015-0159637) 2015-11-13

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[51] **Int.Cl. A61K 9/127 (2006.01) A61K 9/51 (2006.01) A61K 31/436 (2006.01)**
[25] EN
[54] **NOVEL CANNABINOID FORMULATIONS**
[54] **NOUVELLES FORMULATIONS DE CANNABINOIDES**
[72] DOMB, ABRAHAM J., IL
[72] HOFFMAN, AMNON, IL
[72] IZGELOV, DVORA, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
[85] 2018-04-24
[86] 2016-10-26 (PCT/IL2016/051154)
[87] (WO2017/072762)
[30] US (62/246,224) 2015-10-26

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[25] FR
[54] **TIRE HAVING IMPROVED WEAR AND ROLLING RESISTANCE PROPERTIES**
[54] **PNEUMATIQUE PRESENTANT DES PROPRIETES D'USURE ET DE RESISTANCE AU ROULEMENT AMELIOREES**
[72] GERVAIS, PHILIPPE, FR
[72] GODEAU, GILLES, FR
[72] QUANTINET, BENJAMIN, FR
[72] ZIVKOVIC, TONY, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-04-24
[86] 2016-12-14 (PCT/FR2016/053386)
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[25] EN
[54] **ELECTRIC STORAGE DEVICE, ELECTRIC STORAGE DEVICE ASSEMBLY, ELECTRIC AND ELECTRONIC APPARATUS, ELECTRIC MOVING MEANS AND ELECTRIC POWER SYSTEM, AND METHOD OF ASSEMBLING ELECTRIC STORAGE DEVICE ASSEMBLY**
[54] **DISPOSITIF DE STOCKAGE D'ELECTRICITE, ENSEMBLE DISPOSITIF DE STOCKAGE D'ELECTRICITE, DISPOSITIF ELECTRIQUE/ELECTRONIQUE, MOYEN DE DEPLACEMENT ELECTRIQUE ET SYSTEME D'ALIMENTATION ELECTRIQUE, ET PROCEDE D'ASSEMBLAGE D'ENSEMBLE DISPOSITIF DE STOCKAGE D'ELECTRICITE**
[72] YOSHIDA, NAOTAKE, JP
[72] ADACHI, TATSUYA, JP
[72] ONO, HIROAKI, JP
[72] WATANABE, YASUHIRO, JP
[71] MURATA MANUFACTURING CO., LTD., JP
[85] 2018-04-24
[86] 2016-09-02 (PCT/JP2016/075891)
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[30] JP (2015-216523) 2015-11-04

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[25] FR
[54] **TIRE HAVING IMPROVED WEAR PROPERTIES**
[54] **PNEUMATIQUE PRESENTANT DES PROPRIETES D'USURE AMELIOREES**
[72] GERVAIS, PHILIPPE, FR
[72] GODEAU, GILLES, FR
[72] QUANTINET, BENJAMIN, FR
[72] ZIVKOVIC, TONY, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-04-24
[86] 2016-12-14 (PCT/FR2016/053391)
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[51] **Int.Cl. B65G 47/52 (2006.01) B65B 35/56 (2006.01) B65G 47/08 (2006.01) B65G 47/244 (2006.01)**
[25] EN
[54] **DISTRIBUTION CONVEYING DEVICE**
[54] **DISPOSITIF DE TRANSPORT DE DISTRIBUTION**
[72] KLOTZ, FRANCK, CA
[72] TISSEAUX, SOPHIE, CA
[71] GEBO CERMEX CANADA INC., CA
[85] 2018-04-24
[86] 2015-11-30 (PCT/IB2015/002265)
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[25] FR
[54] **TYRE HAVING IMPROVED WEAR PROPERTIES**
[54] **PNEUMATIQUE PRESENTANT DES PROPRIETES D'USURE AMELIOREES**
[72] GERVAIS, PHILIPPE, FR
[72] GODEAU, GILLES, FR
[72] QUANTINET, BENJAMIN, FR
[72] ZIVKOVIC, TONY, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **PIECE ADHESIVE COMPRENANT DES VIDES**
[72] ANDERSON, AUSTIN DANIEL, US
[72] VAN WINKLE, STEPHEN CAMERON, US
[72] ZAGAYA, TOM EDWARD, US
[71] ICONEX LLC, US
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[54] **RAB5 NUCLEIC ACID MOLECULES THAT CONFER RESISTANCE TO COLEOPTERAN AND HEMIPTERAN PESTS**
[54] **MOLECULES D'ACIDE NUCLEIQUE RAB5 CONFERANT UNE RESISTANCE A DES COLEOPTERES ET A DES HEMIPTERES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] FISHILEVICH, ELANE, US
[72] RANGASAMY, MURUGESAN, US
[72] FREY, MEGHAN L., US
[72] LO, WENDY, US
[72] WORDEN, SARAH E., US
[72] GANDRA, PREMCHAND, US
[71] DOW AGROSCIENCES LCC, US
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[54] **METHODS FOR TREATING EPILEPSY**
[54] **METHODES DE TRAITEMENT DE L'EPILEPSIE**
[72] WELCH, ELLEN, US
[72] TOMIZAWA, YUKI, US
[72] VAZIRANI, PRIYA, US
[71] PTC THERAPEUTICS, INC., US
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[54] **TISSUE TREATMENT DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE TISSU**
[72] DONDA, RUSSELL S., US
[72] MANICKAM, SUNDAR, US
[72] MIDDAUGH, RICHARD L., US
[72] LASH, THOMAS E., US
[72] WOJCIECHOWSKI, TIMOTHY, US
[72] WOLTER, JOHN D., US
[72] BUAN, JOHN, US
[71] LORAIN COUNTY COMMUNITY COLLEGE INNOVATION FOUNDATION, US
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[54] **CIRCULATION REPLENISHING JOINT IMPLANT**
[54] **IMPLANT ARTICULAIRE DE REAPPROVISIONNEMENT DE CIRCULATION**
[72] POPOVITZ, LEON E., US
[71] POPOVITZ, LEON E., US
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[54] **METHOD AND APPARATUS FOR RESOURCE PAIRING**
[54] **PROCEDE ET APPAREIL D'APPARIEMENT DE RESSOURCES**
[72] KREITZER, STUART S., US
[72] CORRETJER, JESUS F., US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **COMPOSITIONS AND METHODS FOR FECAL MICROBIOTA-RELATED THERAPY**
[54] **COMPOSITIONS ET PROCEDES DE THERAPIE ASSOCIEE AU MICROBIOTE FECAL**
[72] BORODY, THOMAS JULIUS, AU
[71] CRESTOVO HOLDINGS LLC, US
[85] 2018-04-24
[86] 2016-10-26 (PCT/US2016/058938)
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[54] **COMPOSITIONS AND METHODS FOR TUMOR TRANSDUCTION**
[54] **COMPOSITIONS ET METHODES DE TRANSDUCTION TUMORALE**
[72] LOBB, ROY, US
[72] RENNERT, PAUL, US
[71] ALETA BIOTHERAPEUTICS INC., US
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[54] **METHODS OF GENERATING T-CELLS FROM STEM CELLS AND IMMUNOTHERAPEUTIC METHODS USING THE T-CELLS**
[54] **METHODES DE GENERATION DE LYMPHOCYTES T A PARTIR DE CELLULES SOUCHES ET METHODES IMMUNOTHERAPEUTIQUES UTILISANT LESDITS LYMPHOCYTES T**
[72] CROOKS, GAY M., US
[72] MONTEL-HAGEN, AMELIE, US
[72] SEET, CHRISTOPHER S., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **MISE EN SERVICE DE SYSTEMES DE COMMANDE DE CHARGE**
[72] BARCO, KYLE THOMAS, US
[72] BARNES, BRYAN ROBERT, US
[72] CLYMER, ERICA L., US
[72] COURTNEY, BRIAN MICHAEL, US
[72] CRAFTS, JORDAN H., US
[72] FRICKE, WILLIAM BRYCE, US
[72] KNODE, GALEN EDGAR, US
[72] KUMAR, SANJEEV, US
[72] LENZ, JONATHAN T., US
[72] LUDWIG, STEPHEN M., JR., US
[72] RAGHURAM, SANDEEP MUDABAIL, US
[72] WALSH, RICHARD M., III, US
[71] LUTRON ELECTRONICS CO., INC., US
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[54] **UNITE DE RECHARGE POUR DISTRIBUTEUR DE MOUSSE**
[72] CIAVARELLA, NICK E., US
[72] HARRIS, DONALD R., US
[72] JENKINS, DENNIS K., US
[72] MCNULTY, JOHN J., US
[71] GOJO INDUSTRIES, INC., US
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[54] **FORMULATION COMBINEE A DOSE FIXE D'EFLORNITHINE ET SULINDAC**
[72] SHANNON, PATRICK, US
[72] BRAVO GONZALEZ, ROBERTO CARLOS, CH
[72] DUCASSOU, JEAN, FR
[71] CANCER PREVENTION PHARMACEUTICALS, INC., US
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] PERKINS, WALTER, US
[72] MALININ, VLADIMIR, US
[72] LEIFER, FRANZISKA, US
[72] FIGUEROA, CARLOS, US
[72] DIPETRILLO, KEITH, US
[71] INSMED INCORPORATED, US
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[54] **POINT MUTATIONS IN TRK INHIBITOR-RESISTANT CANCER AND METHODS RELATING TO THE SAME**
[54] **MUTATIONS PONCTUELLES DANS LE CANCER RESISTANT AUX INHIBITEURS DE TRK ET METHODES ASSOCIEES**
[72] NANDA, NISHA, US
[72] BILENKER, JOSH H., US
[72] DOEBELE, ROBERT C., US
[72] BLAKE, JAMES F., US
[72] KOLAKOWSKI, GABRIELLE R., US
[72] BRANDHUBER, BARBARA J., US
[72] ANDREWS, STEVEN W., US
[72] ZHAO, QIAN, US
[71] LOXO ONCOLOGY, INC., US
[71] ARRAY BIOPHARMA INC., US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2018-04-24
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[54] **DUAL ANTENNA WIRELESS COMMUNICATION DEVICE IN A LOAD CONTROL SYSTEM**
[54] **DISPOSITIF DE COMMUNICATION SANS FIL A DOUBLE ANTENNE DANS UN SYSTEME DE COMMANDE DE CHARGE**
[72] BARD, BENJAMIN F., US
[72] BOLLINGER, ROBERT, JR., US
[72] MOSEBROOK, DONALD R., US
[72] ZAHARCHUK, WALTER S., US
[71] LUTRON ELECTRONICS CO., INC., US
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[54] **COMPOSITIONS AND METHODS RELATING TO TUMOR ANALYSIS**
[54] **COMPOSITIONS ET PROCEDES ASSOCIES A DES ANALYSES DE TUMEURS**
[72] WILES, MICHAEL V., US
[72] HOSUR, VISHNU, US
[72] SHULTZ, LEONARD D., US
[71] THE JACKSON LABORATORY, US
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[54] **ALLIAGES D'ALUMINIUM 7XXX CORROYES AMELIORES, ET PROCEDES DE PRODUCTION ASSOCIES**
[72] YAN, XINYAN, US
[72] BRYANT, JAMES DANIEL, US
[72] LIN, JEN C., US
[72] ZHANG, WENPING, US
[72] SIMIELLI, EIDER, US
[71] ARCONIC INC., US
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[54] **FORMULATIONS A LIBERATION PROLONGEE D'ANESTHESIQUES LOCAUX**
[72] HELLIWELL, JAMES A., CA
[72] CHAPANIAN, RAFI, CA
[72] LIGGINS, RICHARD, CA
[72] MALONE, AMANDA, CA
[71] EUPRAXIA PHARMACEUTICALS INC., CA
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[54] **EDULCORANTS A INTENSITE ELEVEE**
[72] PATRON, ANDREW, US
[72] MANAM, RAMA, US
[72] COLQUITT, JUSTIN, US
[72] SERVANT, NICOLE, US
[72] NORIEGA, CHRIS EDANO, US
[72] HAMMAKER, JEFFREY R., US
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[71] SENOMYX, INC., US
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[54] **PREPARATION D'ECHANTILLONS POUR DES TYPES D'ECHANTILLONS COMPLIQUES**
[72] THATCHER, STEPHANIE ANNE, US
[72] GREEN, JEREMY PAUL, US
[72] HUYNH, ERIK WONG, US
[72] HEMMERT, ANDREW CLINTON, US
[72] MONTGOMERY, JESSE LINTON, US
[72] CRISP, ROBERT JOHN, US
[72] RASBAND, KENDALL A., US
[72] OTT CROWTHER, ELIZABETH MARY, US
[72] BAIRD, CHERYL LYNN, US
[71] BIOFIRE DIAGNOSTICS, LLC, US
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[54] **SYSTEMES ET PROCEDES DE CONTROLE D'ACCES DANS UN ESPACE PHYSIQUE**
[72] GRISZBACHER, JAMES, US
[72] SCHOENFELDER, LUKE ANDREW, US
[72] JONES, MICHAEL BRIAN, US
[72] MEYERHOFFER, THOMAS, US
[72] HUSSAIN, ALI AKBAR, US
[72] SOLE, IVAN ALMARAL, US
[72] HOLT, TRAVIS, US
[71] LATCHABLE, INC., US
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[54] **VISCOUS CLUTCH FLUID CAPTURE SYSTEM**
[54] **SYSTEME DE CAPTURE DE FLUIDE VISCOCOUPLEUR**
[72] HENNESSY, DAVID R., US
[72] STEVENS, MICHAEL, US
[71] HORTON, INC., US
[85] 2018-04-24
[86] 2016-12-02 (PCT/US2016/064681)
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[54] **MATERIAU D'EMBALLAGE**
[72] CROOKS, COREY DESMOND, US
[72] SLOAT, JEFFREY T., US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[54] **NON-CIRCULAR ACCELERATION MECHANISM FOR A SINGLE SHAFT SCREEN**
[54] **MECANISME D'ACCELERATION NON-CIRCULAIRE DESTINE A UN ECRAN D'ARBRE SIMPLE**
[72] STEMPER, MICHAEL PETER, US
[72] MUMM, RYAN ANTHONY, US
[71] TEREX USA, LLC, US
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[54] **APPAREIL GENERATEUR DE VAPEUR COMPORTANT UN CIRCUIT DE TUBAGE HELICOIDAL**
[72] AMJADI, OMID, CA
[71] CENOVUS ENERGY INC., CA
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[54] **PEPTIDES DE LIAISON HLA-DR ET LEURS UTILISATIONS**
[72] DISIS, MARY L., US
[72] FIKES, JOHN D., US
[72] BEEBE, MELANIE, US
[72] ISHIOKA, GLENN, US
[72] KNUTSON, KEITH L., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[71] UNIVERSITY OF WASHINGTON, US
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[54] **DISPOSITIF ET METHODE DE PROLONGATION DE RESTRICTION D'ACCES AUX OBJETS ET AUX SUBSTANCES**
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[72] DERKITT, JENNIFER L., US
[71] INGLE, MICHAEL E., US
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[25] EN
[54] **PROCESS AND CATALYST SYSTEM FOR THE PRODUCTION OF HIGH QUALITY SYNGAS FROM LIGHT HYDROCARBONS AND CARBON DIOXIDE**
[54] **PROCEDE ET SYSTEME DE CATALYSEUR POUR LA PRODUCTION DE GAZ DE SYNTHESE DE HAUTE QUALITE A PARTIR D'HYDROCARBURES LEGERS ET DE DIOXYDE DE CARBONE**
[72] SCHUETZLE, ROBERT, US
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[71] GREYROCK ENERGY, INC., US
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[54] **METHODS AND MARKER COMBINATIONS FOR SCREENING FOR PREDISPOSITION TO LUNG CANCER**
[54] **METHODES ET COMBINAISONS DE MARQUEURS DESTINEES AU DEPISTAGE DE LA PREDISPOSITION AU CANCER DU POUMON**
[72] COLPITTS, TRACEY, US
[72] RUSSELL, ERIC L., US
[72] RUSSELL, JOHN C., US
[72] SINGH, BHAWANI, US
[72] RAMIREZ, JAVIER, US
[72] FROST, STEPHEN, US
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[54] **ENSEMBLE DE CLAPET DE FUT DE BIERE**
[72] APPS, WILLIAM P., US
[72] HANSEN, WAYNE MATTHEW, US
[71] REHRIG PACIFIC COMPANY, US
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[54] **METHOD FOR THE PRODUCTION OF MULTIPLY-UNSATURATED FATTY ACIDS IN TRANSGENIC ORGANISMS**
[54] **METHODE DE PRODUCTION D'ACIDES GRAS MULTIPLIS INSATURES DANS UN ORGANISME TRANSGENIQUE**
[72] ZANK, THORSTEN, DE
[72] BAUER, JORG, DE
[72] CIRPUS, PETRA, DE
[72] ABBADI, AMINE, DE
[72] HEINZ, ERNST, DE
[72] QIU, XIAO, CA
[72] VRINTEN, PATRICIA, CA
[72] SPERLING, PETRA, DE
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[54] **PEPTIDE ANALOGS OF ALPHA-MELANOCYTE STIMULATING HORMONE**
[54] **ANALOGUES PEPTIDIQUES DE L'HORMONE STIMULANT LES ALPHA-MELANOCYTES**
[72] PERRICONE, MICHAEL A., US
[72] DZURIS, JOHN LYLE, US
[72] WEEDEN, TIMOTHY E., US
[72] STEFANO, JAMES E., US
[72] PAN, CLARK Q., US
[72] EDLING, ANDREA E., US
[71] GENZYME CORPORATION, US
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[25] EN
[54] **LOWERING SATURATED FATTY ACID CONTENT OF PLANT SEEDS**
[54] **DIMINUTION DE LA TENEUR EN ACIDE GRAS SATURE DE GRAINES DE PLANTE**
[72] MERLO, ANN OWENS, US
[72] GACHOTTE, DANIEL J., US
[72] THOMPSON, MARK A., US
[72] WALSH, TERENCE A., US
[72] BEVAN, SCOTT, US
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[54] **DIMINUTION DE LA TENEUR EN ACIDE GRAS SATURE DE GRAINES DE PLANTE**
[72] MERLO, ANN OWENS, US
[72] GACHOTTE, DANIEL J., US
[72] THOMPSON, MARK A., US
[72] WALSH, TERENCE A., US
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[54] **FIXATING MEANS BETWEEN A MESH AND MESH DEPLOYMENT MEANS ESPECIALY USEFUL FOR HERNIA REPAIR SURGERIES AND METHODS THEREOF**
[54] **MOYENS DE FIXATION ENTRE UNE MAILLE ET DES MOYENS DE DEPLOIEMENT D'UNE MAILLE, UTILES NOTAMMENT POUR LES CHIRURGIES DE REPARATION DES HERNIES ET PROCEDES ASSOCIES**
[72] SHOLEV, MORDEHAI, IL
[72] ZAJDMAN, RUTH, IL
[72] BEN-NUN, ITAY, IL
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[54] **AMNIOTIC MEMBRANE PREPARATIONS AND PURIFIED COMPOSITIONS AND METHODS OF USE**
[54] **PREPARATIONS DE MEMBRANE AMNIOTIQUE ET COMPOSITIONS PURIFIEES, ET PROCEDES D'UTILISATION**
[72] TSENG, SCHEFFER, US
[72] HE, HUA, US
[72] LI, WEI, CN
[71] TISSUETECH, INC., US
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[54] **DOOR CLOSER WITH SELF-POWERED CONTROL UNIT**
[54] **MECANISME DE FERMETURE DE PORTE DOTE D'UN MODULE DE COMMANDE AUTONOME**
[72] BURRIS, CHARLES, US
[72] TADLOCK, ROBERT, US
[72] WHITE, JOHN, US
[72] GURLEY, JASON, US
[72] FAES, STEVEN, US
[72] MCGINTY, JOSEPH, US
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[54] **DOOR CLOSER ASSEMBLY**
[54] **MECANISME DE FERMETURE DE PORTE**
[72] BURRIS, CHARLES, US
[72] TADLOCK, ROBERT, US
[72] WHITE, JOHN, US
[72] GURLEY, JASON, US
[72] FAES, STEVEN, US
[72] MCGINTY, JOSEPH, US
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[54] **CNS GENE DELIVERY USING PERIPHERAL ADMINISTRATION OF AAV VECTORS**
[54] **ADMINISTRATION DE GENE AU SYSTEME NERVEUX CENTRAL PAR ADMINISTRATION PERIPHERIQUE DE VECTEURS AAV**
[72] BARKATS, MARTINE, FR
[71] GENETHON, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[25] EN
[54] **WIDESPREAD GENE DELIVERY TO MOTOR NEURONS USING PERIPHERAL INJECTION OF AAV VECTORS**
[54] **DELIVRANCE A LARGE DIFFUSION DE GENES A DES NEURONES MOTEURS PAR INJECTION PERIPHERIQUE DE VECTEURS AAV**
[72] BARKATS, MARTINE, FR
[71] GENETHON, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **GUIDEWIRE AND METHOD OF INSERTION OF SAME**
[54] **FIL-GUIDE ET SON PROCEDE D'INTRODUCTION**
[72] CHESNIN, KENNETH J., US
[72] BASTA, MICHAEL, US
[72] ENGLE, SAM, US
[72] CELLINI, MICHAEL, US
[72] SANFORD, KEVIN, US
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[54] **HYBRID SENSOR-ENABLED ELECTRIC WHEEL AND ASSOCIATED SYSTEMS, MULTI-HUB WHEEL SPOKING SYSTEMS, AND METHODS OF MANUFACTURING AND INSTALLING WHEEL SPOKES**
[54] **ROUE ELECTRIQUE HYBRIDE ACTIVEE PAR CAPTEUR ET SYSTEMES ASSOCIES, SYSTEMES DE RAYON DE ROUE MULTI-MOYEU, ET PROCEDES DE FABRICATION ET D'INSTALLATION DE RAYONS DE ROUE**
[72] BIDERMAN, ASSAF, US
[72] RATTI, CARLO, US
[72] OUTRAM, CHRISTINE LOUISE, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **DECOUPLER ASSEMBLY HAVING LIMITED OVERRUNNING CAPABILITY**
[54] **MECANISME DE DECOUPLAGE A CAPACITE DE DETOURNEMENT LIMITE**
[72] MARION, PATRICK, CA
[71] LITENS AUTOMOTIVE PARTNERSHIP, CA
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[54] **GENETIC PRODUCTS DIFFERENTIALLY EXPRESSED IN TUMORS AND THE USE THEREOF**
[54] **PRODUITS GENIQUES EXPRIMES DE MANIERE DIFFERENTIELLE DANS DES TUMEURS ET LEUR UTILISATION**
[72] SAHIN, UGUR, DE
[72] KOSLOWSKI, MICHAEL, DE
[72] TURECI, OZLEM, DE
[71] GANYMED PHARMACEUTICALS AG, DE
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[54] **HUMANIZED FC.GAMMA.R MICE**
[54] **SOURIS FCGR HUMANISEES**
[72] MACDONALD, LYNN, US
[72] TU, NAXIN, US
[72] GURER, CAGAN, US
[72] STEVENS, SEAN, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **CMET ANTIBODIES FOR THE DIAGNOSIS AND/OR PROGNOSIS OF CANCER**
[54] **ANTICORPS CMET DESTINES AU DIAGNOSTIC ET AU PRONOSTIC DU CANCER**
[72] JOUHANNEAUD, ALEXANDRA, FR
[71] PIERRE FABRE MEDICAMENT, FR
[22] 2011-06-29
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[25] EN
[54] **AMYLOID-.BETA.(1-42) OLIGOMERS, DERIVATIVES THEREOF, ANTIBODIES FOR THE SAME, METHOD FOR PRODUCTION AND USE THEREOF**
[54] **OLIGOMERES DE .BETA.(1-42) AMYLOIDES, DERIVES DE CES COMPOSES ET ANTICORPS DESTINES A CEUX-CI, PROCEDE DE FABRICATION ET UTILISATION DE CES COMPOSES**
[72] HILLEN, HEINZ, DE
[72] STRIEBINGER, ANDREAS, DE
[72] KRANTZ, CARSTEN, DE
[72] MOELLER, ACHIM, DE
[72] MUELLER, REINHOLD, DE
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[25] EN
[54] **PROCESS FOR PREPARING ANTIBODY MAYTANSINOID CONJUGATES**
[54] **PROCEDE DE PREPARATION DE CONJUGUES MAYTANSINOIDES-ANTICORPS**
[72] DAI, YONG, US
[72] WANG, YONG, US
[72] JIN, SHENGJIN, US
[72] MESHULAM, DEBORAH H., US
[72] AMPHLETT, GODFREY W., US
[71] IMMUNOGEN, INC., US
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[54] **AUTOMATED PIZZA ASSEMBLY SYSTEM**
[54] **SYSTEME AUTOMATISE DE MONTAGE DE PIZZA**
[72] FRITZ-JUNG, CATHRYN, US
[72] SCRIVANO, DAVID, US
[72] STROTHER, DAVID, US
[72] THOMAS, AMANDA B., US
[72] HESLIP, SEAN M., US
[72] DEEMTER, KENT A., US
[72] MCCOY, TYLER W., US
[72] HOEKSEMA, BRET A., US
[71] LITTLE CAESAR ENTERPRISES, INC., US
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[54] **ADAPTIVE FILTERING BASED UPON BOUNDARY STRENGTH**
[54] **FILTRAGE ADAPTATIF FONDE SUR LA FORCE DE FRONTIERE**
[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA, HIROYUKI, JP
[71] DOLBY INTERNATIONAL AB, NL
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[51] **Int.Cl. H04N 19/86 (2014.01)**
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[54] **ADAPTIVE FILTERING BASED UPON BOUNDARY STRENGTH**
[54] **FILTRAGE ADAPTATIF FONDE SUR LA RESISTANCE DE FRONTIERE**
[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA, HIROYUKI, JP
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[54] **ADAPTIVE FILTERING BASED UPON BOUNDARY STRENGTH**
[54] **FILTRAGE ADAPTATIF FONDE SUR LA RESISTANCE DE FRONTIERE**
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[25] EN
[54] **ANTIGENS THAT ELICIT IMMUNE RESPONSE AGAINST FLAVIVIRUS AND METHODS OF USING SAME**
[54] **ANTIGENES QUI INDUISENT UNE REPONSE IMMUNITAIRE CONTRE LES FLAVIVIRUS ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] MATHURA, RAMANATHAN P., US
[72] SARDESAI, NIRANJAN Y., US
[71] VGX PHARMACEUTICALS, LLC, US
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[54] **APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING DATA IN COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE D'EMISSION ET DE RECEPTION DE DONNEES DANS UN SYSTEME DE COMMUNICATION**
[72] JEONG, HONG-SIL, KR
[72] YUN, SUNG-RYUL, KR
[72] YANG, HYUN-KOO, KR
[72] MYUNG, SE-HO, KR
[72] MOURAD, ALAIN, GB
[72] GUTIERREZ, ISMAEL, GB
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2011-12-02
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[30] KR (10-2010-0123062) 2010-12-03
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[51] **Int.Cl. A41C 1/14 (2006.01) A41C 1/00 (2006.01) A41C 1/06 (2006.01) A41C 3/00 (2006.01) A41C 3/12 (2006.01)**
[25] EN
[54] **GARMENT WITH BACK STAYS FOR ENHANCED FIT**
[54] **VETEMENT A CORSET ARRIERE POUR UNE MEILLEURE TENUE**
[72] ANGELINO, ANTHONY, US
[72] WELSCH, DAVID, US
[72] MILLER, NANCY S., US
[72] ABURTO, JENNIE M., US
[71] CUPID FOUNDATIONS, INC., US
[22] 2015-02-25
[41] 2015-09-03
[62] 2,939,645
[30] US (61/946,260) 2014-02-28

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[21] **3,002,173**
[13] A1
[51] **Int.Cl. A63G 21/18 (2006.01)**
[25] EN
[54] **WATERSLIDE RUN-OUT BOWL**
[54] **BASSIN DE CAPTAGE POUR GLISSOIRE D'EAU**
[72] HLYNKA, MARVIN R., CA
[71] WHITEWATER WEST INDUSTRIES LTD., CA
[22] 2008-09-02
[41] 2009-02-28
[62] 2,885,580
[30] US (11/848,300) 2007-08-31

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[21] **3,002,192**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 14/705 (2006.01) C07K 16/30 (2006.01) C12N 15/13 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **ANTIBODIES TO MUC16 AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-MUC16 ET LEURS PROCEDES D'UTILISATION**
[72] SPRIGGS, DAVID, US
[72] THAPI, DHARMARAO, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[22] 2011-03-25
[41] 2011-09-29
[62] 2,793,753
[30] US (61/317,964) 2010-03-26

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[21] **3,002,206**
[13] A1
[51] **Int.Cl. G10L 15/32 (2013.01)**
[25] EN
[54] **HYBRID SPEECH RECOGNITION**
[54] **RECONNAISSANCE VOCALE HYBRIDE**
[72] KOLL, DETLEF, US
[71] MULTIMODAL TECHNOLOGIES, LLC, US
[22] 2009-08-31
[41] 2010-03-04
[62] 2,732,255
[30] US (61/093,220) 2008-08-29
[30] US (12/550,380) 2009-08-30

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[21] **3,002,216**
[13] A1
[51] **Int.Cl. A61M 15/08 (2006.01)**
[25] EN
[54] **NASAL AEROSOL DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION D'UN AEROSOL NASAL**
[72] PAPANIA, MARK J., US
[72] BARRY, JAMES J., US
[72] BAGLEY, MARK C., US
[72] FRIETS, ERIC M., US
[72] KNAUS, DARIN A., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] CREARE, INCORPORATED, US
[22] 2011-06-03
[41] 2011-12-08
[62] 2,801,508
[30] US (61/351745) 2010-06-04

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[21] **3,002,278**
[13] A1
[51] **Int.Cl. B62D 55/24 (2006.01) A01B 69/00 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR TRACTION OF AN AGRICULTURAL VEHICLE TRAVELLING ON FIELDS AND ROADS**
[54] **SYSTEME DE CHENILLE DESTINE A LA TRACTION D'UN VEHICULE CIRCULANT DANS LES CHAMPS ET SUR LES ROUTES**
[72] LUNKENBEIN, MARTIN, CA
[71] CAMSO INC., CA
[22] 2015-08-04
[41] 2017-02-04
[62] 2,899,527

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[21] **3,002,283**
[13] A1
[51] **Int.Cl. F16L 3/14 (2006.01) F16B 1/00 (2006.01) F16L 3/00 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SUSPENDING DUCT BY INSERTED CORNER MEMBERS**
[54] **PROCEDE ET APPAREIL DE SUSPENSION D'UNE GAINE PAR DES ELEMENTS D'ANGLE INSERES**
[72] CARSON, JEFFREY KENNETH, CA
[71] JBT STEEL INDUSTRIES INC., CA
[22] 2012-04-20
[41] 2012-10-26
[62] 2,834,019
[30] US (61/478,300) 2011-04-22
[30] US (13/168,637) 2011-06-24

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[21] **3,002,289**
[13] A1
[51] **Int.Cl. C07C 57/065 (2006.01) C07C 59/08 (2006.01)**
[25] EN
[54] **CATALYST FOR PRODUCING BIO-BASED ACRYLIC ACID AND ITS DERIVATIVES AND THE METHOD FOR MAKING THEREOF**
[54] **CATALYSEUR POUR PRODUIRE UN ACIDE ACRYLIQUE BIO-RESSOURCE ET SES DERIVES, ET SON PROCEDE DE PRODUCTION**
[72] VELASQUEZ, JUAN ESTEBAN, US
[72] COLLIAS, DIMITRIS IOANNIS, US
[72] GODLEWSKI, JANE ELLEN, US
[72] LINGOES, JANETTE VILLALOBOS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2014-10-16
[41] 2015-04-23
[62] 2,926,266
[30] US (61/891,568) 2013-10-16

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[21] **3,002,291**
[13] A1
[51] **Int.Cl. B60P 3/30 (2006.01) B60P 1/56 (2006.01) E01H 10/00 (2006.01)**
[25] EN
[54] **TRUCK-MOUNTED MATERIAL SPREADER**
[54] **EPANDEUR DE MATERIAUX MONTE SUR CAMION**
[72] SANDLER, PHILIP, US
[71] SANDLER, PHILIP, US
[22] 2011-03-09
[41] 2011-09-09
[62] 2,733,576
[30] US (61/312,206) 2010-03-09

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[21] **3,002,343**
[13] A1
[51] **Int.Cl. G09F 9/30 (2006.01) G09G 3/20 (2006.01) H04N 5/74 (2006.01)**
[25] EN
[54] **MULTI-HALF-TONE IMAGING AND DUAL MODULATION PROJECTION/DUAL MODULATION LASER PROJECTION**
[54] **IMAGERIE EN DEMI-TEINTES MULTIPLES ET PROJECTION A MODULATION DOUBLE/PROJECTION LASER A MODULATION DOUBLE**
[72] RICHARDS, MARTIN J., US
[72] SHIELDS, JEROME, US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[22] 2014-04-14
[41] 2014-11-13
[62] 2,909,635
[30] US (61/820680) 2013-05-07
[30] US (61/820683) 2013-05-07

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[21] **3,002,352**
[13] A1
[51] **Int.Cl. A01B 21/08 (2006.01) A01B 63/111 (2006.01) A01B 63/16 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **GAUGE WHEEL ARRANGEMENT FOR A SEEDER ROW UNIT**
[54] **AGENCEMENT A ROUES DE JAUGE POUR RAYONNEUR DE SEMOIR**
[72] WENDTE, KEITH W., US
[72] WELLER, MONTE G., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2013-08-20
[41] 2014-08-25
[62] 2,824,114
[30] US (13/776,212) 2013-02-25

[21] **3,002,386**
[13] A1
[51] **Int.Cl. E05B 47/06 (2006.01)**
[25] EN
[54] **ELECTRIC DOOR STRIKE HAVING A DEAD LATCH RELEASE PLATFORM ACTUATED BY A SPRING LATCH KEEPER AND A SPRING LATCH LIFTER FEATURE**
[54] **GACHE DE PORTE ELECTRIQUE AYANT UNE PLATEFORME DE LIBERATION DE PENE DEMI-TOUR A CRAN D'ARRET ACTIONNEE PAR UN ELEMENT DE RETENUE A RESSORT ET UN ELEMENT DE SOULEVEMENT DE PENE A RESSORT**
[72] SCHEFFLER, DOMINIK, US
[72] SULLIVAN, SCOTT, US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2011-12-15
[41] 2012-06-21
[62] 2,821,821
[30] US (61/423657) 2010-12-16

[21] **3,002,442**
[13] A1
[51] **Int.Cl. E21B 29/06 (2006.01) E21B 7/08 (2006.01)**
[25] EN
[54] **WINDOW MILLING SYSTEMS**
[54] **SYSTEMES DE FRAISAGE DE FENETRE**
[72] DONOVAN, STACEY B., US
[72] DANCER, WILLIAM W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2013-03-05
[41] 2014-09-12
[62] 2,897,161

[21] **3,002,444**
[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/1473 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETECTING THE HYDRATION OF SENSORS**
[54] **PROCEDES ET SYSTEMES POUR DETECTER L'HYDRATATION DE CAPTEURS**
[72] SHAH, RAJIV, US
[72] MORGAN, WAYNE A., US
[72] CHOY, DAVID Y., US
[72] HENKE, JAMES L., US
[72] REGHABI, BAHAR, US
[72] SOUNDARARAJAN, GOPIKRISHNAN, US
[72] SCHULTZ, PETER, US
[72] HOSS, UDO, US
[71] MEDTRONIC MINIMED, INC., US
[22] 2006-12-21
[41] 2007-07-12
[62] 2,930,100
[30] US (11/323242) 2005-12-30

[21] **3,002,450**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING REAL-TIME TRACKING OF ITEMS IN A DISTRIBUTION NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ASSURER EN TEMPS REEL LE SUIVI D'ARTICLES DANS UN RESEAU DE DISTRIBUTION**
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[72] GOYAL, KULDIP K., US
[72] SHERRY, CARLA F., US
[72] CRADIC, AMY B., US
[72] ATKINS, C. SCOT, US
[72] PATEL, HIMESH A., US
[71] UNITED STATES POSTAL SERVICE, US
[22] 2014-06-19
[41] 2014-12-24
[62] 2,914,964
[30] US (61/837,047) 2013-06-19
[30] US (61/936,239) 2014-02-05

[21] **3,002,459**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING REAL-TIME TRACKING OF ITEMS IN A DISTRIBUTION NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ASSURER EN TEMPS REEL LE SUIVI D'ARTICLES DANS UN RESEAU DE DISTRIBUTION**
[72] DEARING, STEPHEN M., US
[72] GOYAL, KULDIP K., US
[72] SHERRY, CARLA F., US
[72] CRADIC, AMY B., US
[72] ATKINS, C. SCOT, US
[72] PATEL, HIMESH A., US
[71] UNITED STATES POSTAL SERVICE, US
[22] 2014-06-19
[41] 2014-12-24
[62] 2,914,964
[30] US (61/837,047) 2013-06-19
[30] US (61/936,239) 2014-02-05

[21] **3,002,461**
[13] A1
[51] **Int.Cl. G06T 7/10 (2017.01) G06T 1/20 (2006.01)**
[25] EN
[54] **PARALLEL PROCESS FOR LEVEL SET SEGMENTATION OF VOLUME DATA**
[54] **TRAITEMENT PARALLELE POUR LA SEGMENTATION DE LA FIXATION DU NIVEAU DE DONNEES DE VOLUME**
[72] MITCHELL, JOSEPH R., CA
[72] ROBERTS, MIKE, CA
[72] COSTA-SOUSA, MARIO, CA
[71] CALGARY SCIENTIFIC INC., CA
[22] 2011-06-07
[41] 2011-12-07
[62] 2,742,269
[30] US (61/344,187) 2010-06-07

[21] **3,002,463**
[13] A1
[51] **Int.Cl. B65D 47/32 (2006.01) B65D 43/06 (2006.01) B65D 47/36 (2006.01)**
[25] EN
[54] **LID FOR BEVERAGE CONTAINER**
[54] **COUVERCLE DE RECIPIENT POUR BOISSON**
[72] BRANNOCK, SAMUEL LINCOLN, US
[71] HARL-BELLA HOLDINGS, LLC, US
[22] 2014-08-08
[41] 2015-02-12
[62] 2,954,254
[30] US (13/962,878) 2013-08-08

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[21] **3,002,858**
[13] A1
[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **ELASTIC TONGUE-DORSUM RETRACTION DEVICE CLAMPING PLIERS, INSTALLATION PLIERS, LINE GUIDE AND IMPLANTATION METHOD**
[54] **DISPOSITIF DE RETRACTION ELASTIQUE DE LA FACE DORSALE DE LA LANGUE, PINCE DE SERRAGE, PINCE D'INSTALLATION, GUIDE DE LIGNE ET PROCEDE D'IMPLANTATION**
[72] ZHANG, XIANGMIN, CN
[72] ZHOU, XING, CN
[71] ZHANG, XIANGMIN, CN
[71] ZHOU, XING, CN
[22] 2013-12-31
[41] 2014-08-07
[62] 2,876,027
[30] CN (201310043949.5) 2013-02-04
[30] CN (201320063137.2) 2013-02-04
[30] CN (201310423312.9) 2013-09-16
[30] CN (201310423315.2) 2013-09-16
[30] CN (201310423258.8) 2013-09-16
[30] CN (201310423351.9) 2013-09-16
[30] CN (201310423355.7) 2013-09-16
[30] CN (201310423417.4) 2013-09-16
[30] CN (201310423353.8) 2013-09-16
[30] CN (201310733988.8) 2013-12-26
[30] CN (201310738009.8) 2013-12-27

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[21] **3,003,019**
[13] A1
[51] **Int.Cl. A01D 65/00 (2006.01) A01D 41/06 (2006.01) A01D 47/00 (2006.01) A01D 75/00 (2006.01)**
[25] EN
[54] **CROP MACHINE WITH AN ELECTRONICALLY CONTROLLED HYDRAULIC CYLINDER FLOTATION SYSTEM**
[54] **MACHINE DE RECOLTE DOTEE D'UN SYSTEME DE FLOTTAISON A PISTON HYDRAULIQUE CONTROLE ELECTRONIQUEMENT**
[72] DUNN, JAMES T., CA
[72] LEVERICK, GRAHAM M., CA
[72] LYONS, RUSSELL G., CA
[72] SHEARER, BRUCE R., CA
[71] MACDON INDUSTRIES LTD., CA
[22] 2017-03-30
[41] 2017-12-21
[62] 2,962,674
[30] US (15188468) 2016-06-21

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AMATUCCI, GLENN 3,002,857
AMAZON TECHNOLOGIES, INC. 3,002,687
AMBRX, INC. 3,002,573
AMCOL INTERNATIONAL CORPORATION 3,002,408
AMERICAN STERILIZER COMPANY 3,002,546
AMGEN INC. 3,002,301
AMIN, RUPESH 3,002,903
AMMER, RICHARD 3,002,716
ANDERSON, AUSTIN DANIEL 3,003,129
ANDERSON, BEN 3,002,840
ANDERSON, DAVID 3,002,809
ANDRESEN, MADS 3,002,700
ANDREWS, MARK P. 3,002,430
ANDREWS, STEVEN W. 3,002,560
ANDREWS, STEVEN W. 3,003,153
ANGUELA, XAVIER 3,002,689
ANHEUSER-BUSCH INBEV S.A. 3,002,896
ANISSIMOVA, MARIA 3,002,609
ANOMERA INC. 3,002,430
ANSELL, STEVEN M. 3,003,055
ANTHONY, RENIL JOHN 3,002,329
ANTONIO, DAVID C. 3,001,874
ANTONSSON, KARIN 3,002,285
ANTONY, BENNY 3,002,624
APETREI BIRZA, CRISTINA 3,002,424
API INTELLECTUAL PROPERTY HOLDINGS, LLC 3,002,683
APOGENIX AG 3,002,587
APOGENIX AG 3,002,588
APOGENIX AG 3,002,600
APOGENIX AG 3,002,602
APOGENIX AG 3,002,741
ARCONIC INC. 3,003,158
ARCTURUS THERAPEUTICS, INC. 3,002,647
ARIANEGROUP SAS 3,002,612
ARISDYNE SYSTEMS, INC. 2,999,023
ARIVIS AG 3,002,339
ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA 3,002,529
ARKHIPOVA, MARIA 3,002,607
ARMISEN, SAMANTHA 3,002,528
ARMISEN, SAMANTHA 3,002,530
ARMSTRONG, RANDOLPH KERRY 3,002,841
ARRAY BIOPHARMA INC. 3,003,153
ARRAY BIOPHARMA, INC. 3,002,560
ARRECIFE ENERGY SYSTEMS S.L. 3,002,254
ARRIENS, ROSS DOUGLAS 3,002,806
ARTELSMAIR, BERNHARD 3,002,500
ARTEX S.R.L. 3,002,488
ARTHUR, SAMUEL DAVID 3,003,078
ARTICO, ROBERTA 3,002,755
ASANZA MALDONADO, DIEGO FERNANDO 3,002,412
ASHLEY FURNITURE INDUSTRIES, INC. 3,002,535
ASHLEY FURNITURE INDUSTRIES, INC. 3,002,536
ASKA PHARMACEUTICAL CO., LTD. 3,002,632
ASML NETHERLANDS B.V. 3,002,702
ASML NETHERLANDS B.V. 3,003,070
ASOKAN, MANGAIARKARASI 3,002,664
ASSURED ENTERPRISES, INC. 3,002,798
ASTRAZENECA AB 3,002,608
ASTRAZENECA AB 3,002,717
ASTRAZENECA AB 3,002,761
ATALLA, RAJAI H. 3,002,681
ATALLA, ROWAN S. 3,002,681
ATKIN, TROY 3,002,967
ATKINS, ANNETTE 3,002,400
AUGUSTYNIAK, MARTIN 3,002,663
AUSTON, OLIVER 3,002,618
AUSTON, OLIVER 3,002,619
AUTOMATED PACKAGING SYSTEMS, INC. 3,002,553
AVALON BATTERY (CANADA) CORPORATION 3,002,736
AVALON BATTERY (CANADA) CORPORATION 3,002,738
AZANA, JOSE 3,002,597
AZARKH, MIKHAIL MIKHAILOVICH 3,002,797
B.G. NEGEV TECHNOLOGIES & APPLICATIONS LTD., AT BEN-GURION UNIVERSITY 3,003,104
BABAIN, VASILY ALEKSANDROVICH 2,986,006
BABEL, CHRISTOPH 3,002,533
BACKHED, FREDRIK 3,002,603
BACKHED, FREDRIK 3,002,606
BAHL, KAPIL 3,002,820
BAILEY, RONALD 3,002,347
BAIRD, CHERYL LYNN 3,003,172
BALBO DI VINADIO, AIMONE 3,002,746
BALBO DI VINADIO, AIMONE 3,002,921
BALDWIN, JAMES ARMAND 3,002,977
BALDWIN, JOHN J. 3,002,384
BALESTRINI, ANDREA 3,002,138
BANACH, MICHAEL J. 3,002,842
BARBARULO, REMI 3,002,262
BARCO, KYLE THOMAS 3,003,146
BARD, BENJAMIN F. 3,003,154
BAREKET, NOAH 3,002,763

BARERE, AARON 3,002,538
BARKER, HELEN 3,001,636
BARLAAM, BERNARD CHRISTOPHE 3,002,608
BARLAAM, BERNARD CHRISTOPHE 3,002,717
BARNES, BRYAN ROBERT 3,003,146
BARNES, STEPHEN 2,994,900
BARR, KENNETH JAY 3,002,853
BARTL, CHRISTINA 3,002,485
BARTOLI, ANDREA 3,003,099
BASF SE 3,002,281
BASF SE 3,002,299
BASF SE 3,002,534
BASHORE, SHAWN 3,002,813
BASHOUR, KEENAN 3,002,742
BASHOUR, KEENAN 3,002,745
BASTOS, CESAR DA SILVA 3,002,426
BATARSEH, SAMEEH I. 3,002,240
BATES, AARON LEE 3,002,863
BATISTA, RUI NUNO 3,002,419
BATISTA, RUI NUNO 3,002,423
BATISTA, RUI NUNO 3,002,599
BATISTA, RUI NUNO 3,002,712
BATISTA, RUI NUNO 3,002,723
BATLLE, EDUARD 3,002,957
BATRA, ASHISH 3,002,780
BAUCHER, STEPHANE ANDRE 3,002,908
BAUER, TANJA 3,002,508
BAUMGARTNER, JEAN-CLAUDE 3,002,549
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 3,000,796
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 3,002,888
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 3,003,065
BAYER CROPSCIENCE INC. 3,000,796
BAYLOR COLLEGE OF MEDICINE 3,002,685
BEACHLY, EVAN MICHAEL 3,002,171
BEAL, RICHARD 3,002,428
BEAU-LARVOR, CHARLOTTE 3,002,765
BEAUDET, DANIEL A. 3,002,960
BEAUREGARD, MARC 3,003,006
BECCATI, DANIELA 3,002,455
BECTON, DICKINSON AND COMPANY 3,002,659
BECTON, DICKINSON AND COMPANY 3,002,665
BECTON, DICKINSON AND COMPANY 3,002,701
BECTON, DICKINSON AND COMPANY 3,002,967
BECTON, DICKINSON AND COMPANY 3,002,968
BEGRICHE, ALDJIA 3,002,253
BEHABTU, NATNAEL 3,003,078
BEIERLE, JOHN M. 3,002,983
BEIJING RUIHENG XINYUAN INVESTMENT CO., LTD 3,002,589
BEIL, CHRISTIAN 3,002,664
BEKRITSKY, BENJAMIN J. 3,002,376
BELCHER, DONALD ANTONY 3,002,547
BELGIAN VOLITION SPRL 3,002,505
BELKIN, MIKHAIL A. 3,002,771
BELL SPORTS, INC. 3,002,414
BELLEI, ANTONIO 3,002,921
BELLINGER, ANDREW 3,002,916
BELOMOEV, FEDOR VALENTINOVICH 3,002,800
BELRON INTERNATIONAL LIMITED 3,002,905
BELZILE, MANON DANIELLE 3,002,720
BELZILE, MANON DANIELLE 3,002,728
BELZILE, MANON DANIELLE 3,002,732
BENCHEA, MIHAI-RAZVAN 3,002,605
BENDER, DAVID M. 3,002,815
BENDER, JACK THOMAS 3,002,534
BENINGA, JOCHEN 3,002,664
BENSALEM, JULIEN 3,002,753
BENSON, DAVID J. 3,002,876
BERDICHEVSKY, EUGENE 3,002,392
BERGEMANN, KLAUS 3,002,724
BERGER, STEFAN 3,002,596
BERGIN, NIAMH 3,002,713
BERRY, MARK JOHN 3,001,437
BERTAUD, ELISABETH MARIE MONIQUE 3,002,421
BERTHE, ERIC 3,002,908
BERZOFSKY, JAY A. 3,002,685
BESNARD, MICKAEL 3,002,784
BESSON, THEOPHANE 3,002,906
BETT, ANDREW J. 3,002,820
BETT, ANDREW J. 3,002,822
BETTANCINI, ANDREA 3,002,748
BEYER, WAYNE F. 3,002,394
BHATIA, SACHIN 3,002,429
BHAVARAJU, NARESH C. 3,002,482
BIALAS, MICHAEL R. 3,002,832
BIEMANS, RALPH LEON 3,002,421
BIGOT, ANTONY 3,003,085
BIGOTT, JAMES W. 3,002,779
BIHARI, GYULA 3,002,427
BILENKER, JOSH H. 3,003,153
BILLEN, GUENTER 3,002,425
BINNERTS, MINKE E. 3,002,907
BIOA OY 3,002,579
BIOA OY 3,002,584
BIOFIRE DIAGNOSTICS, LLC 3,003,172
BIOGAZELLE NV 3,002,744
BIONESS INC. 3,003,057
BIONTECH AG 3,002,288
BIOVENTUS, LLC 3,002,404
BIOVENTUS, LLC 3,002,565
BIRRELL, STEPHEN NIGEL 3,002,562
BITDEFENDER IPR MANAGEMENT LTD 3,002,605
BL TECHNOLOGIES, INC. 3,002,431
BLACK, JOHN ALEXANDER 3,002,620
BLACK, ROBERT DAVID 3,002,620
BLACKER, RICKY 3,002,738
BLAKE, JAMES F. 3,002,560
BLAKE, JAMES F. 3,003,153
BLANCHARD, MICHAEL C. 3,002,901
BLEEG, ROBERT J. 3,002,483
BLOCK, GERALD J. 3,002,469
BLOCK, GERALD J. 3,002,483
BLUEBEAM, INC. 3,002,556
BLUESHIFT MATERIALS, INC. 3,002,361
BLUESHIFT MATERIALS, INC. 3,002,391
BLUMENSTEIN, LARS 3,002,954
BODET, JEAN-FRANCOIS 3,002,698
BOGGS, RICK 3,002,591
BOHANA-KASHTAN, OSNAT 3,002,919
BOI, VALERIA 3,002,897
BOKKA, SREEVALLI 3,002,815
BOLLINGER, ROBERT, JR. 3,003,154
BOLTON, CLIVE 3,002,960
BONAC CORPORATION 3,002,786
BONISCH, BAUL 3,002,339
BONNELY, SAMUEL 3,003,056
BORIO, PIERANGELO 3,002,626
BORNHOFT, STEPHEN T. 3,002,665
BORODY, THOMAS JULIUS 3,003,138
BORUHOVIN, ELIZABETH 3,002,543
BOTZEM, PETRA 3,002,490
BOUCHARD, HERVE 3,003,085
BOUCHER, NATHALIE 3,002,679
BOUCHER, RAYMOND E. 3,002,780
BOULET, ANDRE P. 3,002,679
BOUNDS, DANTON 3,002,759
BOURDEV, LUBOMIR DIMITROV 3,002,758
BOURDILLON, KATIE 3,003,059
BOURKE, FREDERIC A. 3,002,394
BOUTHILLETTE, MELANEY 3,002,455
BOWN, MARK 3,003,063
BOYCE, SUSAN 3,002,416
BOYCE, SUSAN 3,002,418
BRACCO IMAGING SPA 3,002,897
BRACCO SUISSE SA 3,002,503
BRAHMANDAM, ARCHANA 3,002,990
BRANDEIS UNIVERSITY 3,002,388
BRANDHUBER, BARBARA J. 3,003,153
BRANNON, DEREK 3,002,167
BRANNON, DEREK 3,002,169
BRAR, DEV 3,002,813
BRAVO GONZALEZ, ROBERTO CARLOS 3,003,149
BREAUX, JOSEPH E. 3,002,667
BREDERSON, DEAN 3,002,649
BREDNO, JOERG 3,002,902
BRENNER, MALCOLM K. 3,002,685
BREUIL, PIERRE-ALAIN 3,002,161
BRIGHT AGROTECH, LLC 3,002,476
BRINSON, JOSEPH P. 3,001,874
BROECKER, RICHARD JOSEPH 3,002,564
BROOKER, ALAN THOMAS 3,002,411
BROOKER, ANJU DEEPALI MASSEY 3,002,411
BROOKMEYER, KYLE ROBERT 3,001,980
BROUSSAS, MATTHIEU 3,002,765
BROWN, ANDRE DAVID 3,002,859
BROWN, ANDRE DAVID 3,002,867
BROWN, CHRISTOPHER T. 3,002,404
BROWN, CHRISTOPHER TODD 3,002,565
BROWN, MARC BARRY 3,002,387

BROWNE, GREGORY VINCENT 3,002,873
BROWNING, ROBERT N. K. 3,002,653
BRUCKNER, GABRIELE 3,002,491
BRUGGER, JUERGEN 3,002,906
BRUN, MARIE-PRISCILLE 3,003,085
BRUNELLA, ANDRE 3,002,345
BRUNELLA, ERIC JAY 3,002,549
BRUNNER, CHARLES S. 3,002,806
BRYANT, JAMES DANIEL 3,003,158
BRZOZKA, KRZYSZTOF 3,002,875
BUAN, JOHN 3,003,018
BUAN, JOHN 3,003,134
BUCKMAN LABORATORIES INTERNATIONAL, INC. 3,003,006
BUCKNELL, SARAH JOANNE 3,002,621
BUCKNELL, SARAH JOANNE 3,002,623
BUCKNELL, SARAH JOANNE 3,002,625
BUDHIAN, AVINASH 3,003,088
BUENO, AMY NICOLE 3,002,329
BUHR, WILM 3,002,416
BUHR, WILM 3,002,418
BULOCK, KAREN G. 3,002,744
BURCAR, ALISON D. 3,002,372
BURCKHARDT, SUSANNA 3,002,416
BURCKHARDT, SUSANNA 3,002,418
BURGERT, MICHAEL 3,002,416
BURGERT, MICHAEL 3,002,418
BURGMAIR, RAPHAEL 3,002,559
BURKHOLZ, JONATHAN KARL 3,002,659
BURKHOLZ, JONATHAN KARL 3,002,665
BURKHOLZ, JONATHAN KARL 3,002,701
BURKHOLZ, JONATHAN KARL 3,002,967
BURKHOLZ, JONATHAN KARL 3,002,968
BURROWS, KIMBERLY JO 3,002,550
C.R. BARD, INC. 3,002,389
CABAS RODRIGUEZ, LUCIA DE LA CONCEPCION 3,001,124
CABIN AIR GROUP B.V. 3,001,983
CADILA HEALTHCARE LIMITED 3,002,323
CADIX, ARNAUD 3,002,163
CALABOTTA, DAVID 2,999,247
CALDARELLA, FRANCESCO 3,002,566
CALON, FREDERIC 3,002,753
CALVINO, ALEXANDER 3,002,867
CAMBEIS, ERICA 3,002,299
CAMBIUM NETWORKS LTD 3,002,909
CAMIER, NICOLAS 3,002,572
CAMPBELL, TIM 3,002,537
CAMPLONE, ATTILIO 3,002,604
CANABUZZ-MED 3,003,094
CANBAS CO., LTD. 3,002,635
CANCER PREVENTION PHARMACEUTICALS, INC. 3,003,149
CANCER RESEARCH TECHNOLOGY LIMITED 3,003,077
CANHAM, STEPHEN M. 3,002,236
CANN, ANTHONY F. 3,002,823
CAPACITOR SCIENCES INCORPORATED 3,002,398
CAPITINI, DAVIDE 3,003,099
CAPPELLOTTO, LEANDRO 3,002,727
CAPPONI, VINCENT 3,001,698
CAPTIVE FISHING PRODUCTS, INC. 3,002,397
CARABELL, KEVIN DAVID 3,002,557
CARDIA, JAMES 3,002,744
CARDINALE, ALFI 3,002,252
CARDINALE, CLAUDIO 3,002,252
CARGILL, INCORPORATED 3,001,124
CARMEUSE RESEARCH AND TECHNOLOGY 3,002,420
CARONNA, ANTHONY 3,002,404
CARPENTER, LAWRENCE ROBERT 3,002,402
CARTER, STEVEN PAUL 3,002,867
CASERTA, FRANCESCO 3,002,387
CASIMIRO, DANILO R. 3,002,822
CASTANO ASPAS, JORGE 3,002,669
CAVION, INC. 3,002,831
CCL LABEL, INC. 3,002,979
CCP TECHNOLOGY GMBH 3,002,757
CECCALDI, RAPHAEL 3,002,541
CECCARELLI, CLAUDIO M. 3,002,829
CEDARS-SINAI MEDICAL CENTER 3,002,399
CEGIEL, DIRK 3,002,893
CELL CURE NEUROSCIENCES LTD. 3,002,919
CELLCONTROL, INC. 3,002,667
CELLEX LIFE SCIENCES, INCORPORATED 3,002,520
CELLULOSE SCIENCES INTERNATIONAL, INC. 3,002,681
CEM CORPORATION 3,002,871
CENTRE HOSPITALIER PUBLIC DU COTENTIN 3,002,784
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,002,597
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,002,719
CEVA SAUDE ANIMAL LTDA. 3,002,426
CHABERT, MAX 3,002,163
CHAI, KELVIN 3,002,659
CHAKFE, NABIL 3,002,750
CHAMPION, THIERRY 3,002,765
CHAN, PHILLIP 3,001,698
CHANDLER, IAN CHRISTOPHER 3,001,437
CHANG, YI-LU 3,002,752
CHAPANIAN, RAFI 3,003,159
CHAPMAN, JAMES D. 2,999,247
CHARON, ROMAIN 3,002,141
CHECKMATE LIFTING & SAFETY LTD 3,002,618
CHECKMATE LIFTING & SAFETY LTD 3,002,619
CHEMSON POLYMER-ADDITIVE AG 3,002,614
CHEN, HUI 3,002,878
CHEN, JIFEI 3,003,068
CHEN, JIUNN-REN 3,002,706
CHEN, KAIXIAN 3,002,878
CHEN, SEAN JY-SHYANG 2,976,816
CHEN, XINMIN 3,002,688
CHEN, YONG HONG 3,002,654
CHENAULT, ELLIOT 3,002,556
CHENEY, JUSTIN LEE 3,003,048
CHENG, CHANGFU 3,002,531
CHENG, QIONG 3,002,666
CHENG, SHU-LING 3,002,756
CHEVALIER, JEAN-FRANCOIS 3,002,415
CHEVRON ORONITE COMPANY LLC 3,002,557
CHIALVO, SEBASTIAN 3,002,648
CHILD, MICHAEL D. 3,002,646
CHILD, MICHAEL D. 3,002,649
CHILIAN, RICARDO JAVIER 3,002,575
CHIN, YONG WEI 3,002,645
CHING, WAI KWONG 3,002,586
CHIU, YIN TO 3,002,020
CHIVUKULA, PADMANABH 3,002,647
CHMELAR, JURAJ 3,001,293
CHO, JEONG SOO 3,001,977
CHOI, BYUNG HYUN 3,003,109
CHOI, CHULHEE 3,002,520
CHOI, HOJUN 3,002,520
CHOI, HYUN HO 3,003,109
CHOI, HYUN HO 3,003,115
CHOI, JONG-ILL 3,002,516
CHOI, KYUNGSUN 3,002,520
CHOPRA, SUMAN 3,002,477
CHOUDHARY, SRIJAN 3,002,917
CHRISTOPHER, JOHN ANDREW 3,002,621
CHRISTOPHER, JOHN ANDREW 3,002,623
CHRISTOPHER, JOHN ANDREW 3,002,625
CHUGAI SEIYAKU KABUSHIKI KAISHA 3,002,422
CHUNG, HYE SHIN 3,001,977
CIARAMELLA, GIUSEPPE 3,002,819
CIARAMELLA, GIUSEPPE 3,002,820
CIARAMELLA, GIUSEPPE 3,002,822
CIARAMELLA, GIUSEPPE 3,002,912
CIARAMELLA, GIUSEPPE 3,002,922
CIAVARELLA, NICK E. 3,003,148
CILLUFFO, GIUSEPPE 3,002,302
CIZZLE BIOTECHNOLOGY LIMITED 3,002,320
CJ CHEILJEDANG CORPORATION 3,002,790
CLARE, DAVID S. 3,002,867
CLARK, BRIAN D. 3,002,396
CLAUSEN, INGELIN 3,002,891
CLAUSEN, NILS 3,002,296
CLAVIER, LUIS 3,002,415
CLEAR, SUSANNAH CAMBRIA 3,002,771
CLEARY, PATRICK 3,002,867
CLERC, FRANCOIS 3,003,085

CLEVERS, JOHANNES CAROLUS 3,002,957
CLINKSCALES, KENNETH W. 3,002,574
CLYMER, ERICA L. 3,003,146
CMC CONSUMER MEDICAL CARE GMBH 3,002,607
CMP DEVELOPMENT LLC 3,003,028
COBB, JAMES 3,002,372
COHEN, MICHAEL LLOYD 3,002,807
COHEN, MOSHIK 3,002,955
COHEN, OFIR 3,003,111
COLD JET, LLC 3,002,564
COLGATE-PALMOLIVE COMPANY 3,000,809
COLGATE-PALMOLIVE COMPANY 3,002,345
COLGATE-PALMOLIVE COMPANY 3,002,477
COLIJN, HENDRIK ALBERTUS 3,002,590
COLLINS, BRENDAN P. 3,002,538
COLLINS, JONATHAN M. 3,002,871
COLOMBO, GIUSEPPE 3,002,755
COLQUITT, JUSTIN 3,003,163
COMEAU, CHARLES ROBERT, JR. 3,002,663
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,003,063
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,003,079
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,003,081
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,003,086
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,003,089
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,003,091
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,003,124
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,003,126
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,003,128
CONDER, JASON MICHAEL 3,002,401
CONGREVE, MILES STUART 3,002,621
CONGREVE, MILES STUART 3,002,623
CONGREVE, MILES STUART 3,002,625
CONNORS, MARK 3,002,664
CONOCOPHILLIPS COMPANY 3,002,775
CONROY, MICHAEL 3,003,045
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH 3,002,604
CONTASSOT, DAVID 3,002,750
CONTITECH TRANSPORTBANDSYSTEME GMBH 3,003,036
CONVATEC LIMITED 3,002,616
CONVATEC TECHNOLOGIES INC. 3,002,013
COOK, ADAM 3,002,560
COOK, ANDREW 3,002,334
COOSEMANS, STEVEN JOZEF LOUIS 3,002,698
COPETTI, VALTER 3,002,409
CORKER, RICHARD 3,002,896
CORMEDIX INC. 3,002,633
CORMINBOEUF, OLIVIER 3,002,610
CORR, JOHN J. 3,002,627
CORRETJER, JESUS F. 3,003,137
COSIC, JANJA 3,002,747
COSTIGAN, TIM 2,999,247
COTTON, STEPHEN 3,002,616
COTTRELL, LEE 3,002,867
COURTNEY, BRIAN MICHAEL 3,002,658
COURTNEY, BRIAN MICHAEL 3,003,146
COVERLEY, DAWN ALISON 3,002,320
COVEY, THOMAS R. 3,002,627
COWEN, HALEY MICHELLE 3,002,718
CRAFTS, JORDAN H. 3,003,146
CRAIG, IAN ROBERT 3,002,299
CRAIGEN, JENNY L. 3,002,759
CRAMAIL, HENRI 3,002,719
CRAVEN, ROBIN JOHN 3,002,145
CRAWFORD, MICHAEL J. 3,002,451
CRAYOLA LLC 3,002,413
CRESTOVO HOLDINGS LLC 3,003,138
CREWS, CRAIG 3,002,709
CRISP, ROBERT JOHN 3,003,172
CROFTS, JOHN 3,003,009
CRONIN, RICHARD CHARLES 3,002,241
CROOKS, COREY DESMOND 3,003,181
CROOKS, GAY M. 3,003,145
CROSS, BRAD 3,002,595
CROSS, PAUL C. 3,002,569
CROWE, RANDEL A. 3,002,591
CROWN EQUIPMENT CORPORATION 3,002,533
CUMBIE, MICHAEL W. 3,002,653
CUSHMAN, TODD 3,003,057
CUTHBERTSON, MELISSA 3,002,411
CYTOSORBENTS CORPORATION 3,001,698
CZEPAK, JOHN 3,002,566
D'AMICO, JOHN A. 3,002,970
D'ANDREA, ALAN D. 3,002,541
DADASHNIALEHI, EHSAN 3,002,900
DAEWOONG PHARMACEUTICAL CO., LTD. 3,003,119
DAIICHI SANKYO COMPANY, LIMITED 3,002,920
DAL-PAN, ALEXANDRE 3,002,753
DAMODARAN, ANITA 3,000,880
DAN, VI 3,001,698
DANA CANADA CORPORATION 3,002,429
DANA CANADA CORPORATION 3,002,577
DANA-FARBER CANCER INSTITUTE, INC. 3,002,541
DANA-FARBER CANCER INSTITUTE, INC. 3,002,676
DANIELI CORUS B.V. 3,002,696
DANIELI CORUS B.V. 3,002,699
DAVE, HITESHKUMAR 3,002,528
DAVE, HITESHKUMAR 3,002,530
DAVE, HITESHKUMAR 3,002,780
DAVEY BICKFORD 3,002,265
DAVEY, WILLIAM LEWIS ERROL 3,002,899
DAVIDSON, BEVERLY L. 3,002,654
DAVIS, CHESNEE LAE 3,002,550
DE MAN, TEUNIS 3,003,096
DE OLIVEIRA, AVELINO 3,002,581
DE SOUSA, OLIVIER 3,002,501
DE SOUSA, OLIVIER 3,002,504
DE SZALAY, SARAH FRANCES 3,003,088
DE ZEGHER, FRANCIS 3,003,076
DEAD SEA WORKS LTD. 3,003,111
DEBON, STEPHANE JULES JEROME 3,001,124
DEBUFF, TODD 3,001,896
DECIU, COSMIN 3,002,449
DEFLORIAN, FRANCESCA 3,002,621
DEFLORIAN, FRANCESCA 3,002,623
DEFLORIAN, FRANCESCA 3,002,625
DEFOREL, CORINNE 3,003,093
DEGENEFFE, MIKE 3,002,843
DEHART, MICHAEL PAUL 3,003,028
DELL'ARIO, DALE 3,002,792
DELRUE, OLIVIER 3,003,074
DEMBINSKI, MICHAEL A. 3,002,591
DEMUTH, JAMES A. 3,002,392
DENIS, ALEXIS 3,002,710
DENNA, LUCA 3,002,488
DENNA, MASSIMILIANO 3,002,488
DENNA, ROBERTO 3,002,488
DENNERT PORAVER GMBH 3,002,496
DENNIS, HUGH 3,002,614
DENNIS, STEPHEN 3,002,614
DENU, HANS-JUERGEN 3,002,281
DERDERIAN, LINA 3,002,372
DESCHAGHT, PIETER 3,002,711
DESJARDINS, YVES 3,002,753
DESJARDINS-LAVISSE, ISABELLE 3,002,613
DETWEILER, CARRICK 3,002,171
DEVGUN, SHALEEN 3,002,843
DEWEY, DAVID A. 3,002,763
DEWHIRST, MARK 3,002,394
DEXCOM, INC. 3,002,482
DEZON-GAILLARD, PATRICE FABIEN 3,002,728
DEZON-GAILLARD, PATRICE FABIEN 3,002,732
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 3,002,627
DI TOMASO, EMMANUELLE 3,002,954

DIAZ, CARLOS 3,002,769
DICOSIMO, ROBERT 3,002,666
DILL, JESSE 3,002,809
DILLON, JASON 3,003,053
DILUCCIO, ROBERT 3,002,633
DIMMIC, MATTHEW 3,002,451
DING, YANBING 3,002,924
DING, YI 3,003,033
DIPETRILLO, KEITH 3,003,151
DIPPE, RALF 3,003,051
DME COMPANY LLC 3,002,241
DOEBELE, ROBERT C. 3,003,153
DOGO-ISONAGIE, CAJETAN 3,000,809
DOHERTY, MICHAEL 3,002,713
DOLLAR, PIOTR 3,002,758
DOMB, ABRAHAM J. 3,003,120
DONDA, RUSSELL S. 3,003,018
DONDA, RUSSELL S. 3,003,134
DONDERICI, BURKAY 3,002,672
DONLON, LYNN 3,002,411
DOOIES, BRETT JAMESON 3,002,718
DOPPE, MATTHIAS 3,002,135
DORIA IRIARTE, JOSE JAVIER 3,002,254
DORIA-ROSE, NICOLE A. 3,002,664
DORNER, DIRK 3,002,304
DORTLAND, RAMSES 3,002,109
DOUGLAS, GRANT 3,002,328
DOUGLAS, HUGH 3,002,552
DOVETAIL GENOMICS, LLC 3,002,740
DOW AGROSCIENCES LCC 3,003,131
DOW AGROSCIENCES LLC 3,002,528
DOW AGROSCIENCES LLC 3,002,530
DOW AGROSCIENCES LLC 3,002,780
DOWNES, MICHAEL 3,002,400
DOWNING, KEVIN R. 3,003,004
DR. PY INSTITUTE LLC 3,002,966
DREAS, AGNIESZKA 3,002,875
DROSTE, STEFAN 3,002,307
DU, XINYAO 3,003,055
DUAN, BIAO 3,002,554
DUBENSKY, THOMAS W. 3,002,236
DUBOSCQ, JEREMY 3,002,501
DUBOSCQ, JEREMY 3,002,504
DUCASSOU, JEAN 3,003,149
DUDONNE, STEPHANIE 3,002,753
DUFFEY, KIYAH 3,003,027
DUKE MANUFACTURING CO. 3,002,779
DUKE UNIVERSITY 3,002,394
DUMONT, GILLES 3,002,358
DUMONT, THIERRY 3,002,253
DUNKER, GARRETT STORM 3,002,860
DURRENBERGER, FRANZ 3,002,416
DURRENBERGER, FRANZ 3,002,418
DWORAK, DAVID 3,002,713
DYAX CORP. 3,002,747
DYCK, GERALD 3,002,566
DYROY, ARE 3,001,293
E. I. DU PONT DE NEMOURS AND COMPANY 3,002,666
E. I. DU PONT DE NEMOURS AND COMPANY 3,002,995
E. I. DU PONT DE NEMOURS AND COMPANY 3,003,078
E2E MATERIALS, INC. 3,002,403
EASTON DIAMOND SPORTS, LLC. 3,002,328
EATHERTON, ANDREW JOHN 3,002,608
EATHERTON, ANDREW JOHN 3,002,717
ECCLESTON, MARK EDWARD 3,002,505
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 3,002,906
EDULJI, SMITA 3,002,894
EDWARDS LIFESCIENCES CORPORATION 3,002,832
EFFECTOR THERAPEUTICS, INC. 3,002,558
EFFECTOR THERAPEUTICS, INC. 3,002,877
EIGLER, FRANK JOSEPH 3,002,241
EISAI R&D MANAGEMENT CO., LTD. 3,002,930
ELBAUM, SEBASTIAN 3,002,171
ELDER, TIMOTHY JOHN 3,002,341
ELDRIDGE, COLDEN 3,002,806
ELDUAYEN MADARIAGA, JUAN ANDRES 3,002,721
ELLENBERGER & POENSGEN GMBH 3,002,412
ELMINDA LTD. 3,003,104
EMMERICH, NATHAN CLARK 3,002,534
EMULATE, INC. 3,002,399
ENCAPSYS, LLC 3,002,554
ENGLE, JOSEPH 3,002,167
ENGLE, JOSEPH 3,002,169
ERICH UTSCH AG 3,002,497
ERNST, JUSTIN T. 3,002,558
ERNST, JUSTIN T. 3,002,877
ERX PHARMACEUTICALS, INC. 3,002,924
ESCRIBANO CUESTA, ANA 3,002,299
ESPERA-WERKE GMBH 3,003,051
ESPESETH, AMY 3,002,820
ESSMAN, JOHN S. 3,002,815
ESTA APPARATEBAU GMBH & CO. KG 3,002,135
ESTEPP, DALE RAY 3,002,814
ETORI, NARIAKI 3,002,629
EUPRAXIA PHARMACEUTICALS INC. 3,003,159
EVANS, CHARLES RODNEY GREENAWAY 3,002,387
EVANS, RONALD M. 3,002,400
EWALTS, WOUTER BERND 3,002,696
EWALTS, WOUTER BERND 3,002,699
EXELUS INC. 3,002,910
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,002,648
EYAL, AHARON M. 3,003,094
EYRING, MATTHEW J. 3,002,646
F. HOFFMANN-LA ROCHE AG 3,002,494
F. HOFFMANN-LA ROCHE AG 3,002,895
FABOZZI, THIERRY JEAN ROBERT 3,002,549
FABRITIUS, CHARLES-HENRY 3,002,875
FACEBOOK, INC. 3,002,758
FADDEN, DELMAR M. 3,002,469
FADDEN, DELMAR M. 3,002,483
FAIRFIELD, NATHANIEL 3,002,537
FARMER, SEAN 3,002,810
FASTER DISPLAYS LLC 3,002,510
FATH, STEFAN 3,002,571
FATHI, ZAKARYAE 3,002,394
FAUCETTE, RYAN 3,002,747
FAULKNER, WILLIAM 3,002,863
FAVERO, CEDRICK 3,002,417
FAYRAM, TIMOTHY A. 3,002,841
FEES, HEINER 3,002,392
FEHR, MARCUS 3,002,299
FEI, LIN 3,002,477
FELTRIM PASTORAL COMPANY PTY LTD 3,003,052
FENG, CHONGYANG 3,002,708
FENG, QINGMING 3,002,529
FERRER, ANTHONY 3,002,857
FICHERA, EPIFANIO 3,002,323
FIELES, WILLIAM E. 3,002,759
FIETSAM, KIM CHARLES 3,002,779
FIGUEROA, CARLOS 3,003,151
FINCK, WILLIAM 3,002,905
FISCHER, RUDIGER 3,002,888
FISHER CONTROLS INTERNATIONAL LLC 3,003,024
FISHILEVICH, ELANE 3,003,131
FITZPATRICK, MARTIN 3,002,713
FIX, KATHLEEN A. 3,002,546
FJALESTAD, KJETIL 3,002,330
FLAURAUD, VALENTIN 3,002,906
FLEISCHMANN, FELIX 3,003,075
FLINT, JASON C. 3,002,646
FLORIDI, GIOVANNI 3,002,138
FLUOR TECHNOLOGIES CORPORATION 3,002,782
FLYGARE, JOHAN 3,002,495
FOLAND, ANDREW D. 3,002,726
FONTAINE, MARSHAL A. 3,002,369
FONTERS, JESSIE 3,002,345
FORSBERG, NEIL E. 2,999,247
FORT, TUCKER H. 3,002,549
FORTIER-POISSON, PASCAL 3,002,253
FOSTER, ANDREW 3,002,856
FOWLER, TRACY A. 3,002,648
FOX, BRIAN 3,003,053
FRADETTE, NICHOLAS 3,002,528
FRADETTE, NICHOLAS 3,002,530
FRANCISKOVICH, PHILLIP P. 3,002,546
FRANK, DENNIS A. 3,002,970
FRANKE, WOLFRAM 3,002,302
FRASER, JACOB 3,002,399
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,003,075
FRED HUTCHINSON CANCER RESEARCH CENTER 3,002,903
FREDERICK, JEFFREY W. 3,002,648
FREDRIKSEN, KYRRE 3,002,675
FREED, NICHOLAS 3,002,595
FREESE, JOHN 3,002,867

FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 3,002,686
FRETZ, HEINZ 3,002,610
FREY, MEGHAN L. 3,003,131
FRICKE, WILLIAM BRYCE 3,003,146
FRIEDMAN, EVAN 3,002,538
FRITSCH, CHRISTINE 3,002,954
FRITZ EGGER GMBH & CO. OG 3,002,691
FROHLICH, THOMAS 3,002,491
FROHLICH, THOMAS 3,003,098
FRONIUS INTERNATIONAL GMBH 3,002,500
FRYAR, TERRY 3,002,595
FU, YANWEN 3,002,073
FU, YANWEN 3,002,774
FUJITA, YUZO 3,002,514
FUKUMOTO, HIRONORI 3,002,930
FUKUNAGA, SHINICHI 3,002,507
FUKUYAMA, TAKASHI 3,002,930
FULLER, PETER H. 3,002,846
FULLER, PETER H. 3,002,850
FULTON, JOHN W. 3,002,648
FURSA, OLEG 3,002,601
FURUKAWA, HIROKI 3,002,507
FURUTA, PAUL T. 3,002,398
GAESSER, ROBERT 3,003,067
GAISSMAIER, CHRISTOPH 3,002,296
GAL, ELI 3,002,655
GALAXY BIOTECH, LLC 3,003,033
GALEZOWSKI, MICHAL 3,002,875
GAMBA, DAVIDE 3,003,113
GAMWEGER, KLAUS 3,002,498
GAN&LEE PHARMACEUTICALS 3,002,884
GANA, THEOPHILUS J. 3,002,679
GANDRA, PREMCHAND 3,003,131
GAO WENXIU, NANCY 3,002,867
GAO, GUANGPING 3,002,980
GAO, GUANGPING 3,002,982
GARDNER, COLIN 3,002,916
GARRISON, MICHAEL 3,002,701
GAT, DHAVAL 3,002,808
GAUDOUT, DAVID 3,002,753
GAUTHIER, KELSEY 3,002,236
GAVRILUT, DRAGOS-TEODOR 3,002,605
GE JENBACHER GMBH & CO OG 3,002,559
GE, JIECHAO 3,002,695
GE-HITACHI NUCLEAR ENERGY AMERICAS LLC 3,002,718
GEBO CERMEX CANADA INC. 3,003,127
GEINIK, NATALIA 3,003,111
GEISTLINGER, TIMOTHY 3,002,809
GENDERS, DAVID 3,002,736
GENERAL ELECTRIC TECHNOLOGY GMBH 3,002,598
GENERAL MILLS, INC. 3,002,731
GENIALIS 3,002,613
GEO-TECH POLYMERS, LLC 3,002,815
GEOSYNTEC CONSULTANTS, INC. 3,002,401
GERALNIK, ADELA JUKNAT 3,002,767
GERBER TECHNOLOGY LLC 3,002,545
GERMASCHEWSKI, FIONA M. 3,002,759
GERMEROTH, LOTHAR 3,002,745
GERMEROTH, LOTHAR 3,002,751
GERVAIS, PHILIPPE 3,003,079
GERVAIS, PHILIPPE 3,003,081
GERVAIS, PHILIPPE 3,003,086
GERVAIS, PHILIPPE 3,003,089
GERVAIS, PHILIPPE 3,003,091
GERVAIS, PHILIPPE 3,003,124
GERVAIS, PHILIPPE 3,003,126
GERVAIS, PHILIPPE 3,003,128
GESSLER, DOMINIC 3,002,982
GEVA, AMIR B. 3,003,104
GIEFFERS, CHRISTIAN 3,002,587
GIEFFERS, CHRISTIAN 3,002,588
GIEFFERS, CHRISTIAN 3,002,600
GIEFFERS, CHRISTIAN 3,002,602
GIEFFERS, CHRISTIAN 3,002,741
GIESBERS, ADRIANUS JOHANNES MARIA 3,002,702
GILES, RICHARD 3,003,088
GILIHAN, MICHAEL A. 3,002,397
GILLET, GUILLAUME 3,002,613
GINN, CAROLINE 3,002,760
GIVAUDAN SA 3,002,578
GIVAUDAN SA 3,002,583
GLASMANN, RICHARD 3,002,563
GLAXOSMITHKLINE BIOLOGICALS S.A. 3,002,421
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,002,710
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,002,759
GLICKMAN, LAURA HIX 3,002,236
GLITHERO, JASON IAIN 3,002,389
GLOBAL BIOENERGIES 3,002,609
GLOTT, THOMAS 3,002,891
GLUECK, REINHARD 3,002,323
GLUKHOVSKY, ARKADY 3,003,057
GLYCOMIMETICS, INC. 3,002,880
GLYCOMIMETICS, INC. 3,002,883
GODEAU, GILLES 3,003,079
GODEAU, GILLES 3,003,081
GODEAU, GILLES 3,003,086
GODEAU, GILLES 3,003,089
GODEAU, GILLES 3,003,091
GODEAU, GILLES 3,003,124
GODEAU, GILLES 3,003,126
GODEAU, GILLES 3,003,128
GOERGEN, PATRICK J. 3,002,591
GOETSCH, LILIANE 3,002,765
GOJO INDUSTRIES, INC. 3,003,148
GOLOBISH, THOMAS 3,001,698
GONG, ZHIZHONG 3,002,881
GONSALVES, NICOLE 3,003,163
GONZALEZ DIAZ, SEBASTIAN ALEJANDRO 3,002,575
GONZALEZ VILLANUEVA, ENRIQUE RAMON 3,002,575
GOOD START GENETICS, INC. 3,002,133
GOOGLE LLC 3,002,856
GOREK, JOSEF E. 3,003,058
GOREK, JOSEF E. 3,003,066
GORGENS, ULRICH 3,002,888
GORMAN, JOEL 3,000,796
GORYACHEV, IVAN D. 3,002,960
GOTZE, CHRISTIAN 3,002,339
GOUCH, MARTIN PHILIP 3,002,319
GOULET, MARTIN 3,002,406
GOYAL, RAJESH 3,002,528
GOYAL, RAJESH 3,002,530
GOYET, CHRISTOPHE 3,002,704
GOYON, ANNABELLE 3,002,165
GRAF, PATRICIA 3,002,745
GRAF, PATRICIA 3,002,751
GRAMMENOS, WASSILIOS 3,002,299
GRANT, TYLER 3,002,916
GRAPHIC PACKAGING INTERNATIONAL, LLC 3,002,863
GRAPHIC PACKAGING INTERNATIONAL, LLC 3,003,181
GRASSMANN, OLAF 3,002,494
GRAU, ETIENNE 3,002,719
GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI 3,002,708
GREEN, JEREMY PAUL 3,003,172
GREEN, RICHARD E. 3,002,740
GRESSIN, LAURIANNE 3,002,613
GREULICH-WEBER, SIEGMUND 2,998,531
GREY ORANGE PTE LTD. 3,002,917
GREYORANGE PTE LTD. 3,002,911
GRINDROD, JOHN 3,002,145
GRISZBACHER, JAMES 3,003,174
GROSROYAT, SYLVAIN 3,002,612
GROSSE, CHRISTIAN 3,002,273
GROTE, THOMAS 3,002,299
GROUPE SANTE DEVONIAN INC. 3,002,679
GRUDA, MARYANN 3,001,698
GRUNENBERG, TORSTEN 3,002,490
GU, HONGREN 3,002,396
GU, YING 3,002,695
GUENTHER, ALEXANDER 2,992,765
GUHEL, YANNICK 3,002,784
GUILLERM, JEAN-PIERRE 3,002,784
GUILLET DE CHATELLUS, HUGUES 3,002,597
GUINOT, CLEMENT PAUL CLAUDE 3,002,908
GULAK, GLENN 3,002,582
GULIASHVILI, TAMAZ 3,001,698
GUMEDE, NJABULO JOYFULL 3,002,567
GUMEDE, NJABULO JOYFULL 3,002,570
GUNATILLAKE, PATHIRAJA ARACHCHILLAGE 3,003,063
GUNAWARDANA, INDRANI W. 3,002,560
GUNAYDIN, HAKAN 3,002,846
GUNAYDIN, HAKAN 3,002,850
GUNAYDIN, HAKAN 3,002,853
GUO, XIANGYUN 3,002,688

GUO, YU-GUO 2,999,468
GUPTA, AKASH 3,002,911
GUPTA, AKASH 3,002,917
GUPTA, GAURAV 3,002,323
GUREVICH, LINA 3,002,873
GUSTIN BERGSTROM, MARIA 3,002,890
GUTMAN, RON J. 3,002,754
GUYON, FRANCK 3,002,265
GYMNOPOULOS, MARCO 3,002,573
HA, HENGXU 3,002,598
HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD. 3,002,919
HAEUW, JEAN-FRANCOIS 3,002,765
HAGER, DOMINIK 3,002,888
HALLIBURTON ENERGY SERVICES, INC. 3,002,547
HALLIBURTON ENERGY SERVICES, INC. 3,002,550
HALLIBURTON ENERGY SERVICES, INC. 3,002,552
HALLIBURTON ENERGY SERVICES, INC. 3,002,672
HALTTUNEN, SAKARI 3,002,312
HAMADA, TADATERU 3,002,764
HAMILTON, FRANK 3,002,369
HAMILTON, GERALDINE 3,002,399
HAMILTON, THOMAS STUART 3,002,482
HAMMAKER, JEFFREY R. 3,003,163
HAMPSON, CARL 3,003,080
HANAO, MASAHITO 3,002,344
HANCZOR, MATT 3,002,960
HANLEY, JAMES PATRICK 3,002,487
HANLEY, LUKE 3,003,060
HANNUM, GREGORY 3,002,449
HANSEN ENGINE CORPORATION 3,002,569
HANSEN, CRAIG N. 3,002,569
HANSEN, MICHAEL 3,003,053
HANSEN, STIG K. 3,002,907
HAOR, DROR 3,003,104
HARDING, DEAN 3,002,856
HARDING, WESTON F. 3,002,659
HARDING, WESTON F. 3,002,665
HARRIOTT, NICOLE 3,001,873
HARRIS, DEBORAH JAYNE 3,002,322
HARRIS, DONALD R. 3,003,148
HARRISON, GREG 3,002,614
HARRISON, GREGORY A. 3,002,591
HARTLEY, PAUL 3,002,740
HARTTIG, HERBERT 3,002,895
HARUN, RASHID 3,002,573
HASANOV, RINAT NAILEVICH 2,986,006
HAVAH THERAPEUTICS PTY LTD 3,002,562
HAWES, WILLIAM ROLAND 3,002,319
HAYAKAWA, YASUHISA 3,002,630
HAYAKAWA, YASUHISA 3,002,631
HAYAKAWA, YASUHISA 3,002,634
HAYAKAWA, YASUHISA 3,002,636
HAYAKAWA, YASUHISA 3,002,638
HAYAKAWA, YASUHISA 3,002,639
HAYAKAWA, YASUHISA 3,002,641
HAYDAY, ADRIAN 3,003,077
HAYES, KENNETH C. 3,002,388
HAYES, MARK J. 3,002,828
HE, MINGXUN 3,002,436
HEALTHTAP, INC. 3,002,754
HEBERT-OUELLET, YANNICK 3,003,006
HEGAIN 2100 CONSULTING S.L. 3,002,721
HEINLA, AHTI 3,002,308
HELANDER, MICHAEL 3,002,752
HELLBERG, RICHARD 3,002,959
HELLIWELL, JAMES A. 3,003,159
HELMHOLTZ ZENTRUM MUENCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT (GMBH) 3,002,508
HELSETH, JAMES R. 3,002,876
HELSETH, JEFFREY MICHAEL 3,002,876
HELSETH, MATHEW JAMES 3,002,876
HEMMERT, ANDREW CLINTON 3,003,172
HENKEL IP & HOLDING GMBH 3,002,713
HENNESSY, DAVID R. 3,003,180
HEPTARES THERAPEUTICS LIMITED 3,002,621
HEPTARES THERAPEUTICS LIMITED 3,002,623
HEPTARES THERAPEUTICS LIMITED 3,002,625
HERCAMP, JOSEPH C. 3,002,780
HERLEDAN, GAELLE 3,002,759
HERPERS, BRAM 3,002,957
HERSCH, ROGER DAVID 3,002,906
HETTICH-ONI GMBH & CO. KG 3,002,727
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 3,002,653
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 3,002,669
HIGGINS, JAMES 3,002,171
HIGH, DONALD R. 3,002,808
HIGHT, LAUREN 3,002,534
HILAS, GEORGIOS T. 3,002,574
HILL, OLIVER 3,002,587
HILL, OLIVER 3,002,588
HILL, OLIVER 3,002,600
HILL, OLIVER 3,002,602
HILL, OLIVER 3,002,741
HILLE, THOMAS 3,002,490
HILTUNEN, JAAKKO 3,002,729
HIMANSU, SUNNY 3,002,819
HINOJOSA, CHRIS 3,002,399
HIROTA, SHINSUKE 3,002,930
HIRTZLIN, PATRICE 3,002,697
HLAVACEK, IVAN 3,002,502
HO, PING SHU 3,002,586
HOANG, LE-CHIEN 3,002,262
HOBLER, ADAM M. 3,002,347
HODGES, KEVIN 3,002,896
HOELTGEN, WOLFGANG KURT 3,002,911
HOELTGEN, WOLFGANG KURT 3,002,917
HOFFMAN, AMNON 3,003,120
HOFFMANN, ALEXANDER 3,002,904
HOFFMEISTER, LAURA 3,002,888
HOINES, JAN FRODE 3,001,293
HOLCIM TECHNOLOGY LTD 3,002,262
HOLDEN, GEOFF 3,002,334
HOLLER, WOLFGANG 3,002,889
HOLLEY, JIMMY DALE 3,002,535
HOLLEY, JIMMY DALE 3,002,536
HOLMES, GARY 3,002,788
HOLSCHER, THOMAS 3,002,167
HOLSCHER, THOMAS 3,002,169
HOLT, TRAVIS 3,003,174
HOME CARE PROVIDERS, INC. 3,002,813
HONG, XUHUI 3,002,881
HORI, YUJI 3,002,422
HORTENHUBER, MARTIN 3,002,500
HORTON, INC. 3,003,180
HOSPITAL SANT JOAN DE DEU 3,003,076
HOSUR, VISHNU 3,003,157
HOU, JINZHAO 3,002,406
HOULIHAN, JIM 3,002,713
HOWE, GORDON 3,002,867
HOX THERAPEUTICS LIMITED 3,002,739
HRUSKA, DEREK 3,002,174
HU, OLIVIA 3,002,659
HUANG, CHAORAN 3,002,531
HUANG, HENG 3,002,983
HUANG, JINGHE 3,002,664
HUANG, QUNJIAN 3,002,431
HUANG, YONGHENG 3,002,592
HUANG, YONGHENG 3,002,594
HUAWEI TECHNOLOGIES CO., LTD. 3,002,694
HUBBELL INCORPORATED 3,002,166
HUBBELL INCORPORATED 3,002,167
HUBBELL INCORPORATED 3,002,169
HUBBELL INCORPORATED 3,002,217
HUBBELL INCORPORATED 3,002,581
HUBERT, ERIC 3,002,697
HUCK, NATHAN FOSTER 3,002,347
HUCK, NATHAN FOSTER 3,002,356
HUCK, NATHAN FOSTER 3,002,362
HUGGER, DEREK 3,002,538
HUGHES SAFETY SHOWERS LIMITED 3,002,743
HUGHES, ANTHONY DOUGLAS 3,002,743
HUGHES, JONATHAN 3,002,482
HUGHES, TIMOTHY JOHN 3,002,372
HUH, DONGEUN 3,002,879
HUH, DONGOUN 3,002,961
HUIZENGA, JOEL 3,001,483
HUNT, KEVIN W. 3,002,560
HUNT, THOMAS ANTHONY 3,002,608

HUNT, THOMAS ANTHONY 3,002,717
HUNTER, KARL JOHN 3,001,437
HUO, ZHIQIANG 3,003,068
HUSKY INJECTION MOLDING SYSTEMS LTD. 3,002,720
HUSKY INJECTION MOLDING SYSTEMS LTD. 3,002,728
HUSKY INJECTION MOLDING SYSTEMS LTD. 3,002,732
HUSSAIN, ALI AKBAR 3,003,174
HUTCHINSON, PETER 3,002,867
HUYNH, ERIK WONG 3,003,172
HYDEN, DANIEL 3,002,499
HYNES, AIMEE 3,002,713
HYPERSCIENCES, INC. 3,002,341
IBANEZ, LOURDES 3,003,076
ICONEX LLC 3,003,129
ICU MEDICAL, INC. 3,002,372
ID NEST MEDICAL 3,002,750
IDORSIA PHARMACEUTICALS LTD 3,002,610
IFP ENERGIES NOUVELLES 3,002,161
IGAWA, TOMOYUKI 3,002,422
II-VI INCORPORATED 2,999,468
ILG, KERSTIN 3,002,888
ILLINOIS TOOL WORKS INC. 3,002,481
ILLUMINA CAMBRIDGE LIMITED 3,002,983
ILLUMINA, INC. 3,002,983
IMHOF, DINO 3,002,559
IMMIX BIOPHARMA, INC. 3,002,766
IMMUNOLIGHT, LLC 3,002,394
IMPERIAL TECHNOLOGIES, INC. 3,002,651
INCEPTION 3, INC. 3,002,874
INCOTEC HOLDING B.V. 3,002,329
INGENIEURSBUREAU EN TECHNISCHE HANDELSONDERNEMIN G AUTRON B.V. 3,002,109
INMOMENT, INC. 3,003,009
INNES, DANIEL JOHN 3,002,867
INSMED INCORPORATED 3,003,151
INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS 3,002,957
INSTITUT DES CORPS GRAS ETUDES ET RECHERCHES TECHNIQUES - ITERG 3,002,719
INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE (INRS) 3,002,753
INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,002,597
INSTITUT POLYTECHNIQUE DE BORDEAUX 3,002,719
INSTITUTE FOR RESEARCH IN BIOMEDICINE (IRB BARCELONA) 3,002,957
INSTITUTE OF CHEMISTRY, CHINESE ACADEMY OF SCIENCES 2,999,468
INTELLIRESPONSE SYSTEMS INC. 3,003,061
INVENTIO AG 3,002,611
INWATEC APS 3,002,700
IOGEN ENERGY CORPORATION 3,002,682
IPROTEOS S.L 3,002,892
IRCAMEX 3,002,141
ISHIDA, KYOHEI 3,002,928
ISIFER AB 3,002,515
ITALFARMACO SPA 3,002,755
ITT MANUFACTURING ENTERPRISES LLC 3,002,222
IVIEW THERAPEUTICS, INC. 3,002,384
IZGELOV, DVORA 3,003,120
JACKSON, ERIC WAYNE 3,002,731
JACKSON, JEFF 3,002,482
JACKSON, WAYNE 3,003,053
JACOBSEN, ODD ERIK 3,001,293
JACOBSSON, LENA 3,002,890
JACQUEMIN, ALEXANDRE 3,002,262
JAIME-FIGUEROA, SAUL 3,002,709
JAKOB, LAURENT 3,002,503
JALBERT, DAVID 3,002,867
JANG, JAE WOO 3,002,790
JANSE, BERNARD 3,003,006
JANSSEN, PAUL 3,003,070
JARISCH, CHRISTIAN 3,002,572
JARJES-PIKE, RICHARD 3,002,416
JARJES-PIKE, RICHARD 3,002,418
JARRIAULT, MARINE 3,003,093
JARVINEN, JARI 3,002,579
JARVINEN, JARI 3,002,584
JAY PHARMA, INC. 3,002,767
JENKINS, DENNIS K. 3,003,148
JESSOP, ISRAEL JAMES 3,002,538
JFE STEEL CORPORATION 3,002,928
JI, HENRY 3,002,073
JIANG, DAVID 3,003,048
JIANG, HUALIANG 3,002,878
JIANG, SHIYONG 3,002,708
JIANG, XUNTIAN 3,002,526
JIANGSU HENGRUI MEDICINE CO., LTD. 3,002,436
JINAN SHENGQUAN GROUP SHARE HOLDING CO., LTD. 3,002,276
JOHANSSON, LARS 3,002,495
JOHN, SHINU 3,002,822
JOHN, SHINU 3,002,922
JOHN, SIMON W. M. 3,003,000
JOHNSON, ASHLEY BERNARD 3,003,073
JOHNSON, JAMES W. 3,002,703
JOHNSON, STEVEN 3,002,217
JOINT STOCK COMPANY "ATOMENERGOPROEKT" 2,988,314
JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS" ("SCIENCE AND INNOVATIONS", JSC) 2,988,314
JONES, JAMES DONALD 3,002,013
JONES, MICHAEL BRIAN 3,003,174
JORGENSEN, JORGEN 3,002,301
JOSHI, MANOJ KUMAR 3,000,880
JOSHI, NARENDRA 3,002,910
JOUHANNEAUD, ALEXANDRA 3,002,765
JU, MI KYEONG 3,003,109
JU, MI KYEONG 3,003,115
JUAN, CHUN-CHIA 3,002,756
JUAN, NILDA 3,002,983
JUN, SUN AH 3,003,119
JUNCO, ELIA 3,002,841
JUNG, MYUNGGI 3,003,119
JUNO THERAPEUTICS GMBH 3,002,742
JUNO THERAPEUTICS GMBH 3,002,745
JUNO THERAPEUTICS GMBH 3,002,751
JUNO THERAPEUTICS, INC. 3,002,990
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 3,002,511
KADOTA, KOHEI 3,002,920
KAKKIS, EMIL 3,002,410
KALLENBACH, HARALD 3,002,269
KALOGERAKIS, ARIS 3,002,416
KALOGERAKIS, ARIS 3,002,418
KAMADA, YASUAKI 3,002,930
KAMEI, DANIEL T. 3,002,020
KAMSHAD, KOUROSH 3,002,392
KANASTY, ROSEMARY 3,002,916
KANNE, DAVID 3,002,236
KARAPETYAN, ALEKSANDR 3,003,075
KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG 3,002,889
KARLSEN, MORTEN 3,001,293
KATADA, HITOSHI 3,002,422
KATHOLIEKE UNIVERSIFEIT LEUVEN 3,003,076
KATIBAH, GEORGE EDWIN 3,002,236
KAUFMANN, GUNNAR JORG FLORIS 3,002,073
KAUFMANN, GUNNAR JORG FLORIS 3,002,774
KAUSCH-BUSIES, NINA 3,002,888
KAWABE, TAKUMI 3,002,635
KAWASAKI, YUTA 3,002,978
KAZACHKOVA, ZINAIDA SEMYONOVNA 2,988,314
KEILMANN, ROBERT 3,002,269
KEJRIWAL, GAURAV 3,002,911
KELLER, STIG OVAR 3,002,958
KELLS, ADRIAN PHILIP 3,002,406
KEMIRA OYJ 3,002,312
KEMPPAINEN, KATARIINA 3,002,729
KENF, EKATERINA VLADIMIROVNA 2,986,006
KENNEDY, CHAD A. 3,002,667
KENNEY, BEN 3,002,577
KERLER, JOSEF 3,002,885
KERNS, S. JORDAN 3,002,399
KETELSON, HOWARD ALLEN 3,002,506
KEYGENE N.V. 2,996,828
KEYGENE N.V. 3,003,112
KHAN, FERDOUS 3,003,080

KHAN, MUHAMMAD-TANWEER 3,002,603
KHAN, MUHAMMAD-TANWEER 3,002,606
KHEDR, ALHASSAN 3,002,582
KIM, CHAN SOO 3,002,795
KIM, DOHOON 3,003,109
KIM, DOHOON 3,003,115
KIM, HYO SHIN 3,003,119
KIM, IL-HWAN 3,003,119
KIM, JONG GYUN 3,003,109
KIM, JONG GYUN 3,003,115
KIM, JU JEONG 3,002,790
KIM, JUN HWAN 3,003,109
KIM, JUN HWAN 3,003,115
KIM, KYUNG JIN 3,003,033
KIM, MIN SE 3,002,790
KIM, SEUL GI 3,003,115
KIM, SUNG 3,002,449
KIM, SUNG-YOUNG 3,003,119
KIM, YONGJOO 3,002,827
KIMIN INC. 3,002,794
KINETICS DRIVE SOLUTIONS INC. 3,002,566
KING'S COLLEGE LONDON 3,003,077
KINGSLEY, EUGENE 3,002,404
KINOSHITA, SHIGERU 3,002,511
KIRCHHOFF AUTOMOTIVE DEUTSCHLAND GMBH 2,992,765
KITA, YOICHI 3,002,930
KIVISAKK, ULF 3,002,285
KIZINGO, LLC. 3,003,027
KJOLAAS, FRODE HAAKON 3,003,116
KLAMANN, JOERG-DIETER 3,002,614
KLAPOETKE, THOMAS 3,002,730
KLASSEN, ANDREW 3,002,738
KLEIN, MARCEL 3,002,304
KLEIN, MARCEL 3,002,307
KLINGLER, ANDREAS 3,002,135
KLIPFEL, YORICK 3,002,707
KLOOTWIJK, JOHAN HENDRIK 3,002,702
KLOTZ, FRANCK 3,003,127
KLUT, PIETER DIRK 3,002,696
KLUT, PIETER DIRK 3,002,699
KNAUF INSULATION SPRL 3,003,080
KNEAFSEY, BRENDAN 3,002,713
KNEHANS, WENDELL 2,999,247
KNODE, GALEN EDGAR 3,003,146
KNUDSEN, HANS STENBERG 3,002,301
KO, EUNHWA 3,002,709
KOBAYASHI, NAOKI 3,003,095
KOBAYASHI, YOSHIHISA 3,002,930
KOCH, MICHAEL J. 3,002,376
KOHLI, SAMAY 3,002,911
KOHLI, SAMAY 3,002,917
KOLAKOWSKI, GABRIELLE R. 3,003,153
KOLB, PETER 3,002,135
KOLDAN, KENNETH 3,002,361
KOLDAN, KENNETH 3,002,391
KOMOR, ALEXIS CHRISTINE 3,002,827
KONECRANES GLOBAL CORPORATION 3,002,725
KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN 3,002,957
KORCZ, KRZYSZTOF 3,002,217
KORTHAUER, MARCUS 3,003,051
KOSHIDA, SHIGEKI 3,002,509
KOSHIDA, SHIGEKI 3,002,513
KOSINSKA, ANNA 3,002,508
KOTAKE, MAKOTO 3,002,930
KOUP, RICHARD A. 3,002,664
KOVARIK, PETER 3,002,627
KOZYUK, OLEG 2,999,023
KRAIMER, JAMES V. 3,002,533
KREIERHOFF, MARTIN 3,002,722
KREITZER, STUART S. 3,003,137
KRETSCHMER, MANUEL 3,002,299
KRI, INC. 3,003,100
KROSAKIHARIMA CORPORATION 3,002,507
KRUIP, JOCHEN 3,002,664
KRUSZEWSKA, ALEKSANDRA 3,003,088
KRUTKRAMELIS, KASPARS 3,003,030
KUBILIUS, STEVEN 3,002,402
KUCWAJ-BRYSZ, KATARZYNA 3,002,875
KUEHL, PETER 3,002,494
KUHL, OLAF 3,002,757
KUHN, MARVIN 3,002,485
KUISMANEN, OLLI 3,002,725
KULESZA, URSZULA 3,002,875
KULKA, HEDY 3,002,578
KUMAR, SANJEEV 3,003,146
KUNJUPILLAI, BALU 3,000,880
KUNNARI, VESA 3,002,729
KURAMOCHI, TAICHI 3,002,422
KUROKAWA, TOSHIKI 3,002,930
KUTILEK, JACK 3,002,556
KWON, SU YON 3,002,790
KWON, YOUNG DO 3,002,664
KWONG, PETER D. 3,002,664
KY, ANNA 3,002,481
KYLE, DONALD EARL 3,002,670
L3 SECURITY & DETECTION SYSTEMS, INC. 3,002,726
LABAK, CHRISTOPHER 3,002,538
LABORATORIOS DEL DR. ESTEVE, S.A. 3,002,286
LAGUATAN, ROSELD V. 3,002,413
LALASO, INGALE SAMPAT 3,002,073
LAM, KOON FUNG 3,002,586
LAM, VICKY V. 3,002,983
LAMBDIN, NICOLE 3,002,391
LAMBERTI SPA 3,002,138
LAMBERTZ, BODO 3,002,310
LAMMERS, NICO 3,002,714
LANDIS+GYR INNOVATIONS, INC. 3,002,487
LANEY, CHRISTIAN 3,002,171
LANGE, CHRISTIAN 3,002,664
LANT, NEIL JOSEPH 3,002,668
LAPOINTE, BLAIR T. 3,002,846
LAPOINTE, BLAIR T. 3,002,850
LAPOINTE, BLAIR T. 3,002,853
LARSON, ERIC ALLAN 3,001,874
LASH, THOMAS E. 3,003,018
LASH, THOMAS E. 3,003,134
LASHAWAY, DANA MARIE 3,002,549
LATCHABLE, INC. 3,003,174
LATTUADA, LUCIANO 3,002,897
LAURIN, PIERRE 3,002,915
LAWRENCE, RAE 3,002,451
LAYTON, RUSSELL K., JR. 3,002,960
LAZAREV, ALEXANDER 3,002,640
LAZAREV, PAVEL IVAN 3,002,398
LAZEMI, PAYAM 3,002,253
LEARD, FRANCIS L. 3,002,392
LECCI, CRISTINA 3,002,416
LECCI, CRISTINA 3,002,418
LECERF, BRUNO 3,002,396
LEDWITH, DEIRDRE 3,002,713
LEE, CATHERINE YULING 3,002,874
LEE, CHUN HO 3,003,119
LEE, DAVID I-CHUN 3,002,482
LEE, GARY K. 3,002,524
LEE, HEEHYOUNG 3,002,073
LEE, HYUNG-GEUN 3,003,119
LEE, JUN KYUNG 3,003,109
LEE, LYDIA 3,002,759
LEE, NICOLE 3,002,983
LEE, RUEY-MIN 3,002,381
LEIBINGER, CHRISTIAN 3,002,889
LEIBNIZ-INSTITUT FUR PFLANZENGENETIK UND KULTURPFLANZENFORSCHUNG (IPK) 3,002,693
LEIFER, FRANZISKA 3,003,151
LEINART, DAVID ODELL 3,002,356
LEINART, DAVID ODELL 3,002,362
LELY PATENT N.V. 3,002,637
LEMAIRE, BENOIT 3,002,753
LENZ, JONATHAN T. 3,003,146
LENZING AKTIENGESELLSCHAFT 3,002,555
LEONG, JUSTIN 3,002,236
LEPAK, JONAH 3,003,045
LEPESKA, PETER 3,002,517
LEPESKA, PETER 3,002,657
LEPOUDERE, ANNE 3,002,753
LERMONTOVA, INNA 3,002,693
LERNER, DAVID 3,002,517
LETAIN, FRANCOIS 3,003,074
LETHUILLIER, DELPHINE 3,002,753
LEUSCHNER, WULF DIRK 3,002,664
LEVER, THOMAS 3,002,752
LEVNER, DANIEL 3,002,399
LEWIS, DEREK 3,000,796
LEWIS, JAMES ALLEN 3,002,535
LEWIS, JAMES ALLEN 3,002,536
LI BASSI, GIUSEPPE 3,002,138
LI, BO 3,003,068
LI, DAN 3,002,878
LI, DAVID 3,002,798
LI, GEN 3,003,071
LI, HENG 3,002,884
LI, HONG 3,002,980
LI, JIA 3,002,878

LI, JIAN 3,002,878
LI, JINGYA 3,002,878
LI, SANDRA 3,002,711
LI, STEPHEN 3,002,979
LI, YIWEI 3,002,874
LIEBLER, DANIEL C. 3,002,962
LIELEG, OLIVER 3,002,273
LIFECELL CORPORATION 3,002,538
LIGGINS, RICHARD 3,003,159
LIIVIK, IVO 3,002,303
LIIVIK, MART 3,002,303
LIIVIK, TIIT 3,002,303
LIM, SAM 3,002,663
LIM, SANGMYOUN 3,003,115
LIM, SEYOUNG 3,003,109
LIM, SEYOUNG 3,003,115
LIN, BAOWEI 3,002,708
LIN, JEN C. 3,003,158
LIN, LIANZHEN 3,003,100
LIN, YINGPEI 3,002,694
LIND, JEFFERSON CRAIG 3,002,523
LINDBERG, JAKOB 3,003,102
LINDNER, STEFAN 3,002,491
LINDNER, STEFAN 3,003,098
LINK S.R.L. 3,002,923
LIPMAN, DERRELL 3,002,882
LIQUI-BOX CORPORATION 3,002,703
LIS, FABIAN 3,002,325
LIS, GUSTAVO ADRIAN 3,002,325
LITTLE, MEGAN E. 3,001,874
LIU, CHIH-HAO 3,002,484
LIU, DAVID R. 3,002,827
LIU, DING 3,002,276
LIU, DONG 3,002,436
LIU, HONG 3,002,878
LIU, HUIBIN 3,002,665
LIU, KEQIN 3,002,708
LIU, KUN 3,002,846
LIU, KUN 3,002,850
LIU, KUN 3,002,853
LIU, LEI 3,002,528
LIU, LEI 3,002,530
LIU, LEIHUA 3,002,394
LIU, LU 3,002,995
LIU, SAM 3,002,859
LIU, TIFFANY 3,001,489
LIU, WAI 3,001,636
LIU, WEIMIN 3,002,695
LIU, WENJIAN 3,002,884
LIU, YAN 3,002,840
LIU, ZHIQIANG 3,003,068
LLOP, DANIEL R. 3,002,690
LO, WENDY 3,003,131
LOANE, MARK 3,002,713
LOBB, ROY 3,002,674
LOBB, ROY 3,003,144
LOCKHEED MARTIN CORPORATION 3,002,591
LOCUS SOLUTIONS LLC 3,002,810
LOEBIG, GARY L. 3,002,523
LOEWEN, ERIC PAUL 3,002,718
LOFFLER, FALKO 3,002,339
LOFGREN, CHRISTOPHER B. 3,002,843
LOGGIA, ROSARIO 3,002,252
LOGTENBERG, TON 3,002,957
LOGUNOV, MIHAIL VASILIEVICH 2,986,006
LOHMANN, JAN KLAAS 3,002,299
LOMAX, WILLIAM JAMES 3,002,770
LONG, JONATHAN Z. 3,002,676
LONG, KEENAN 3,002,328
LONGMAN, DANIEL 3,002,896
LOPEZ FERNANDEZ, FRANCISCO 3,002,510
LORAIN COUNTY COMMUNITY COLLEGE INNOVATION FOUNDATION 3,003,018
LORAIN COUNTY COMMUNITY COLLEGE INNOVATION FOUNDATION 3,003,134
LORENC, Z. PAUL 3,002,633
LOTSCHER, JEANNINE 3,002,345
LOUCKS, NATHAN SCOT 3,002,166
LOXO ONCOLOGY, INC. 3,003,153
LTS LOHMANN THERAPIE-SYSTEME AG 3,002,490
LU LICENSE AB 3,002,495
LU, BIAO 3,002,436
LUAN, FENG 3,002,276
LUBKOWITZ, JOAQUIN A. 3,002,829
LUCAS, BRYAN CHAPMAN 3,002,547
LUCCHESI, CAROL 3,002,399
LUDERS, BRANDON DOUGLAS 3,002,537
LUDWIG, STEPHEN M., JR. 3,003,146
LUDWIG-MAXIMILIANS-UNIVERSITAET MUENCHEN 3,002,730
LUM, AMY 3,002,995
LUMASENSE TECHNOLOGIES HOLDINGS, INC. 2,997,985
LUNDBACK, THOMAS 3,002,495
LUNDSTROM, MARI 3,002,913
LUO, JUN 3,002,694
LUO, TAO 3,002,484
LUTRON ELECTRONICS CO., INC. 3,002,658
LUTRON ELECTRONICS CO., INC. 3,002,900
LUTRON ELECTRONICS CO., INC. 3,003,146
LUTRON ELECTRONICS CO., INC. 3,003,154
LYERLY, KIM 3,002,394
LYKKEGAARD, FRANK 3,002,568
LYMAN, JEFFERSON 3,002,646
LYNDRA, INC. 3,002,916
LYNN, MICHAEL W. 3,002,667
LYOTHIER, ISABELLE 3,002,610
MA, JIANLU 3,002,804
MA, JUN 3,002,640
MA, RUI 3,002,482
MACDONALD, KEVIN J. 3,003,006
MACDONALD, ROBERT 3,000,796
MACDONALD, STUART MEREDITH 3,002,576
MACDONALD, STUART MEREDITH 3,002,580
MADICO, INC. 3,002,663
MAEDA, SATOSHI 3,002,632
MAGAROTTO, ROBERTA 3,002,604
MAGIC LEAP, INC. 3,002,369
MAGNANI, JOHN L. 3,002,880
MAGNANI, JOHN L. 3,002,883
MAGNESEN, JOSTEIN 3,001,293
MAGNESIUM ELEKTRON LIMITED 3,002,321
MAGNESIUM ELEKTRON LIMITED 3,002,322
MAGSWITCH TECHNOLOGY INC. 3,002,901
MAGUIRE, DAVID J. 3,003,036
MAIER, MICHAEL 3,002,555
MAK, JOHN 3,002,782
MAK, SIU WAI JACKY 2,976,816
MAKIAH, SAMA NAZAR 3,002,138
MALINAK, JIRI 3,002,502
MALININ, VLADIMIR 3,003,151
MALLALEY, DANIEL 3,002,564
MALLALIEU, CHRIS 3,002,682
MALONE, AMANDA 3,003,159
MALPANI, RAJGOPAL V. 3,002,396
MALZNER, GERHARD 3,002,555
MANAM, RAMA 3,003,163
MANDADI, PRAKASARAO 3,002,477
MANDRE, INDREK 3,002,308
MANGOLD, RAINER 3,002,607
MANGOSUTHU UNIVERSITY OF TECHNOLOGY 3,002,567
MANGOSUTHU UNIVERSITY OF TECHNOLOGY 3,002,570
MANICKAM, SUNDAR 3,003,018
MANICKAM, SUNDAR 3,003,134
MANK, ROLF ANDRE 3,003,112
MANN, CHRISTIAN 3,002,622
MANOLOVA, VANIA 3,002,416
MANOLOVA, VANIA 3,002,418
MARCILLA, RAFAEL 3,002,415
MARICHEZ, JEREMY 3,002,776
MARICICH, YURI 3,002,831
MARINA, CARLOS HERNAN 3,002,549
MARLIERE, PHILIPPE 3,002,609
MARSULEX ENVIRONMENTAL TECHNOLOGIES, CORP 3,002,655
MARTIN, JIM F. 3,002,902
MARTIN, MICHAEL 3,002,889
MARTINS, MANUEL DANIEL 3,002,908
MARTINSON, DANIEL J. 3,002,866
MARUTA, AYAKO 3,003,100
MARVIE, JEAN-EUDES 3,002,697
MASCAGNI, PAOLO 3,002,755
MASCOLA, JOHN R. 3,002,664
MASON, DAVID 3,002,896
MASON, JONATHAN STEPHEN 3,002,621
MASON, JONATHAN STEPHEN 3,002,623
MASON, JONATHAN STEPHEN 3,002,625

MASSACESI, CRISTIAN 3,002,954
MASSET, LOUIS 3,002,420
MASTERCARD ASIA/PACIFIC PTE. LTD. 3,002,645
MASUDA, YOSHITO 3,002,502
MATERION CORPORATION 3,003,004
MATSUURA, CRAIG 3,002,646
MATSUURA, CRAIG 3,002,649
MAUCH, KIMBERLY MICHELLE 3,003,025
MAYER, KEVIN 3,002,528
MAYER, KEVIN 3,002,530
MAYES, PATRICK A. 3,002,759
MAYORAL, KENNY 3,002,809
MAYS, WESLEY M. 3,002,563
MAZITSCHEK, RALPH 3,002,924
MAZUMDER, SHARMISTHA 3,002,810
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